SMD Sälzer Modular Design

Mounting Form Table

Section

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Accessories	D

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Mounting Form Table

Mtg. form	Pages		Mtg. form	Pages		Mtg. form	Pages		Mtg. form	Pages	
002M1	B1-1	(74)	037N1	B2-21	(107)	132M4	A1-30	(34)	215V1	A3-6	(57)
003M1	A1-1	(5)	037N4	B2-21	(107)	132N1	A1-31	(35)	215V4	A3-6	(57)
003V1	A1-2	(6)	037V1	B2-22	(108)	132N4	A1-31	(35)	216M1	A3-4	(55)
004V1	A1-2	(6)	037V4	B2-22	(108)	133M1	A5-2	(64)	216M4	A3-4	(55)
005M1	A1-3	(7)	038M1	B3-20	(129)	133M4	A5-2	(64)	216N1	A3-5	(56)
005V1	A1-4	(8)	038M4	B3-20	(129)	133N1	A5-3	(65)	216N4	A3-5	(56)
012M1	B1-2	(75)	038N1	B3-21	(130)	133N4	A5-3	(65)	216V1	A3-8	(59)
013M1	A1-5	(9)	038N4	B3-21	(130)	133V1	A5-4	(66)	216V4	A3-8	(59)
013V1	A1-6	(10)	038V1	B3-22	(131)	133V4	A5-4	(66)	218M1	A2-10	(48)
014V1	A1-6	(10)	038V4	B3-22	(131)	135M1	B3-16	(125)	219M1	A2-1	(39)
015M1	A1-7	(11)	040V1	B2-4	(90)	135M4	B3-16	(125)	219V1	A2-2	(40)
015V1	A1-8	(12)	041M1	B2-3	(89)	139V1	A1 4	(8)	220V1	A2-2	(40)
021M1	B1-5	(78)	041V1	B2-4	(90)	140M1	A5-5	(67)	226V1	A2-9	(47)
022M1	B1-6	(79)	042M1	B3-3	(112)	141M1	A5-6	(68)	226V4	A2-9	(47)
024B3	A4-2	(62)	042V1	B2-4	(113)	142M1	A5-7	(69)	231M1	B2-15	(101)
025N3	A4-1	(61)	043V1	B2-4	(113)	143M1	A5-8	(70)	231M4	B2-15	(101)
026M1	B1-9	(82)	046V1	B2-8	(94)	144M1	A5-9	(71)	232M1	B2-9	(95)
026N2	B1-10	(83)	047M1	B2-7	(93)	145M1	A5-10	(72)	232M4	B2-9	(95)
026V1	B1-11	(84)	047V1	B2-8	(94)	150M1	A1-32	(36)	232N1	B2-10	(96)
026V4	B1-11	(84)	048M1	B3-7	(116)	151M1	A1-33	(37)	232N4	B2-10	(96)
027V1	B1-12	(85)	048V1	B3-8	(117)	152M1	A1-34	(38)	232V1	B2-11	(97)
028V1	B1-12	(85)	049V1	B3-8	(117)	155M1	B1-3	(76)	232V4	B2-11	(97)
031M1	B2-16	(102)	060M1	A1-9	(13)	156M1	B1-4	(77)	234M1	B3-9	(118)
031M4	B2-16	(102)	062M1	A1-10	(14)	157M1	B1-7	(80)	234M4	B3-9	(118)
032M1	B2-12	(98)	064M1	A1-11	(15)	158M1	B1-8	(81)	234N1	B3-10	(119)
032M4	B2-12	(98)	064V1	A1-12	(16)	176M1	C1-2	(135)	234N4	B3-10	(119)
032N1	B2-13	(99)	065M1	A1-13	(17)	176V1	C1-4	(137)	234V1	B3-11	(120)
032N4	B2-13	(99)	065V1	A1-14	(18)	177M1	C1-6	(139)	234V4	B3-11	(120)
032V1	B2-14	(100)	076M1	C1-1	(134)	177M4	C1-6	(139)	235M1	B3-15	(124)
032V4	B2-14	(100)	076V1	C1-3	(136)	177N1	C1-8	(141)	235M4	B3-15	(124)
033M1	A1-15	(19)	077M1	C1-5	(138)	177N4	C1-8	(141)	237M1	B2-17	(103)
033M4	A1-15	(19)	077M4	C1-5	(138)	177V1	C1-10	(143)	237M4	B2-17	(103)
033N1	A1-16	(20)	077N1	C1-7	(140)	177V4	C1-10	(143)	237N1	B2-18	(104)
033N4	A1-16	(20)	077N4	C1-7	(140)	178V1	C1-4	(137)	237N4	B2-18	(104)
033V1	A1-17	(21)	077V1	C1-9	(142)	203V1	A3-3	(54)	237V1	B2-19	(105)
033V4	A1-17	(21)	077V4	C1-9	(142)	204M1	A3-2	(53)	237V4	B2-19	(105)
034M1	B3-12	(121)	078V1	C1-3	(136)	204V1	A3-3	(54)	238M1	B3-17	(126)
034M4	B3-12	(121)	103M1	A1-22	(26)	205M1	A2-8	(46)	238M4	B3-17	(126)
034N1	B3-13	(122)	107M1	C1-11	(144)	205M4	A2-8	(46)	238N1	B3-18	(127)
034N4	B3-13	(122)	113M1	A1-23	(27)	206M1	A2-5	(43)	238N4	B3-18	(127)
034V1	B3-14	(123)	117M1	C1-12	(145)	206M4	A2-5	(43)	238V1	B3-19	(128)
034V4	B3-14	(123)	117M4	C1-12	(145)	206N1	A2-6	(44)	238V4	B3-19	(128)
035M1	A1-18	(22)	120M1	A1-24	(28)	206N4	A2-6	(44)	240V1	B2-2	(88)
035M4	A1-18	(22)	121M1	A1-25	(29)	206V1	A2-7	(45)	241M1	B2-1	(87)
036M1	A1-19	(23)	122M1	A1-26	(30)	206V4	A2-7	(45)	241V1	B2-2	(88)
036M4	A1-19	(23)	130M1	A1-27	(31)	208M1	A3-9	(60)	242M1	B3-1	(110)
036N1	A1-20	(24)	130M4	A1-27	(31)	209M1	A3-1	(52)	242V1	B3-2	(111)
036N4	A1-20	(24)	130N1	A1-28	(32)	213V1	A2-4	(42)	243V1	B3-2	(111)
036V1	A1-21	(25)	130N4	A1-28	(32)	214M1	A2-3	(41)	246V1	B2-6	(92)
036V4	A1-21	(25)	131M1	A1-29	(33)	214V1	A2-4	(42)	247M1	B2-5	(91)
037M1	B2-20	(106)	131M4	A1-29	(33)	215M1	A3-7	(58)	247V1	B2-6	(92)
037M4	B2-20	(106)	132M1	A1-30	(34)	215M4	A3-7	(58)	248M1	B3-5	(114)

Red color:
New mounting forms

Further information
page MFT-2

Mounting Form Table

Mtg. form	Pages		Mtg. form	Pages		Mtg. form	Pages		Mtg. form	Pages
248V1	B3-6	(115)	AVC2-.	B3-23	(132)	FBS2-....	D2-2	(152)		
249V1	B3-6	(115)	AVC2-.	D1-2	(150)	218098	D3-1	(153)		
503M1	A5-1	(63)	AVD2	B2-23	(109)					
E001.	C1-14	(147)	AVD2	D1-1	(149)					
K001.	C1-13	(146)	AVE2-.	B3-23	(132)					
R001.	A2-12	(50)	AVE2-.	D1-2	(150)					
S001.	A2-11	(49)	FAZ2-....	D2-1	(151)					
V001.	B1-13	(86)	FAS2-....	D2-2	(152)					

Red color:
New mounting forms

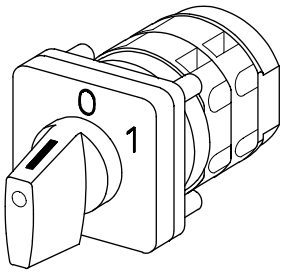
SMD Sälzer Modular Design

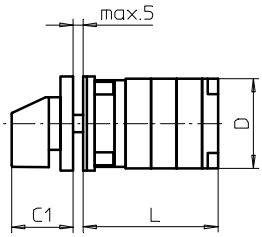
Section A

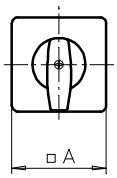
	Page from	to
Four hole mounting	A1-1	A1-34
Single hole mounting ø 22,5 mm	A2-1	A2-12
Single hole mounting ø 30,5 mm	A3-1	A3-9
Wall mounting	A4-1	A4-2
Two hole mounting	A5-1	A5-10

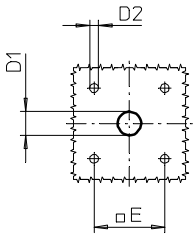
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Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

003M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 003M1**
			25	11	7,5	**M225 - 61 ... - 003M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 003M1**

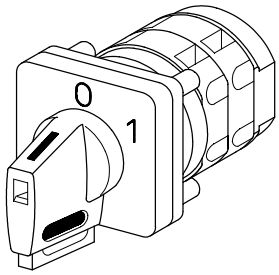
SMD modules for basic switch

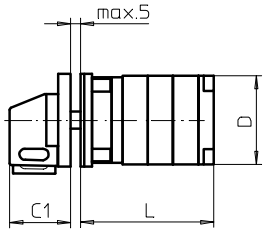
Mounting form module for 003M1	M200 / T200	**BFB2 - 003**
M-operator module 48 x 48 mm, mounting form 003M1 Escutcheon black, handle black		**2AM1**
Legend plate silver, operator module 003M1		**FAS2 - ....** (FA number)

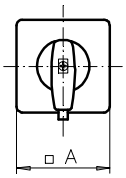
Dimensions (mm)

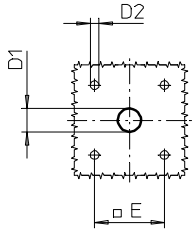
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

003V1 (IP66)
004V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 003V1** **M225 - 61 ... - 003V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 003V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 004V1** **M225 - 61 ... - 004V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 004V1**

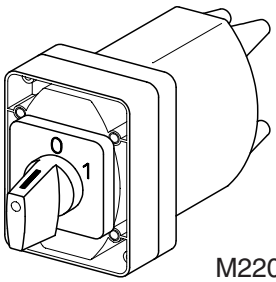
SMD modules for basic switch

Mounting form module for 003V1/ 004V1	M200 / T200	**BFB2 - 003**
V-operator module 48 x 48 mm, mounting form 003V1 Escutcheon black, handle black		**2AV1 - 12**
V-operator module 48 x 48 mm, mounting form 004V1 Escutcheon black, handle black		**2AV1 - 99**
Legend plate silver, operator module 003V1/ 004V1		**FAS2 - ....** (FA number)

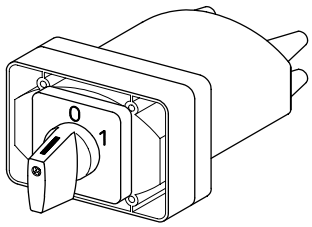
Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches



M220/ M225

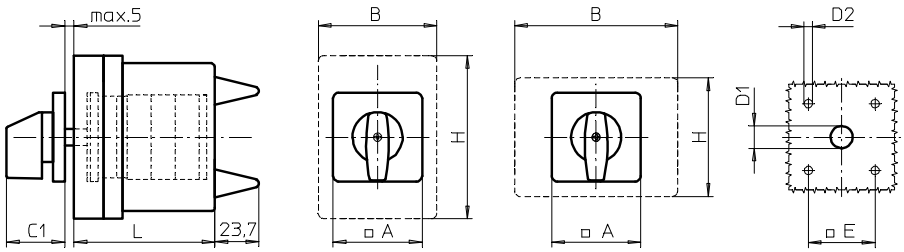


T225

Schalter/Switch

M2..

T225



Product lines
M200 / T200

Front mounting switch
With dust protection cover

Four hole mounting
36 x 36 mm

005M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 005M1**
	1 ... 6		25	11	7,5	**M225 - 61 ... - 005M1**
	1 ... 4	T200	32	15	11	**T225 - 61 ... - 005M1**

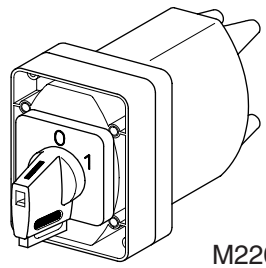
SMD modules for basic switch

Mounting form module for 005M1	M200	**BFA2 - 005**
	T200	**BFB2 - 005**
M-operator module 48 x 48 mm, mounting form 005M1 Escutcheon black, handle black	M200 / T200	**2AM1**
Legend plate silver, operator module 005M1		**FAS2 - ....** (FA number)

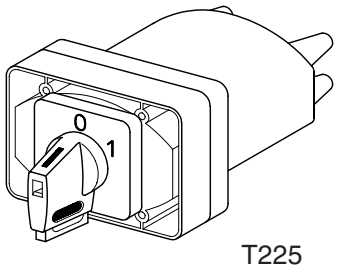
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	48	64	32	12	4,5	36	88	80	80	80	80
M221	48	64	32	12	4,5	36	88	80	80	80	-
M225	48	64	32	12	4,5	36	88	80	80	80	-
T225	48	88	32	12	4,5	36	64	80	80	-	-

Front Mounting Switches

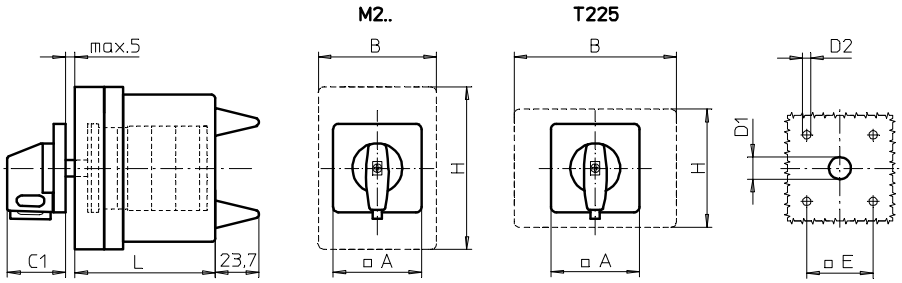


M220/ M225



T225

Schalter/Switch



Product lines
M200 / T200

Front mounting switch
With dust protection cover

Four hole mounting
36 x 36 mm

005V1 (IP66)
139V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 8 1 ... 6 1 ... 4	M200 T200	20 25 32	7,5 11 15	5,5 7,5 11	**M220 - 61 ... - 005V1** **M225 - 61 ... - 005V1** **T225 - 61 ... - 005V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 8 1 ... 6 1 ... 4	M200 T200	20 25 32	7,5 11 15	5,5 7,5 11	**M220 - 61 ... - 139V1** **M225 - 61 ... - 139V1** **T225 - 61 ... - 139V1**

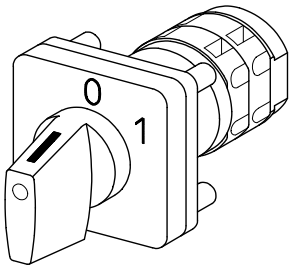
SMD modules for basic switch

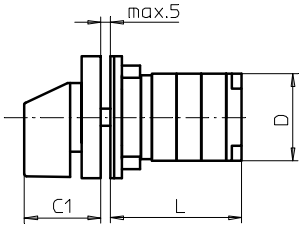
Mounting form module for 005V1/139V1	M200 T200	**BFA2 - 005** **BFB2 - 005**
V-operator module 48 x 48 mm, mounting form 005V1 Escutcheon black, handle black	M200 / T200	**2AV1 - 12**
V-operator module 48 x 48 mm, mounting form 139V1 Escutcheon black, handle black		**2AV1 - 99**
Legend plate silver, operator module 005V1/139V1		**FAS2 - ....** (FA number)

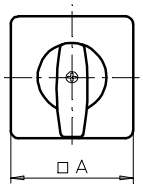
Dimensions (mm)

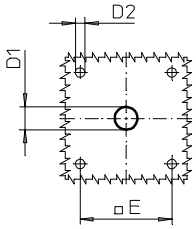
Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	48	64	32	12	4,5	36	88	80	80	80	80
M221	48	64	32	12	4,5	36	88	80	80	80	-
M225	48	64	32	12	4,5	36	88	80	80	80	-
T225	48	88	32	12	4,5	36	64	80	80	-	-

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

013M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 013M1**
			25	11	7,5	**M225 - 61 ... - 013M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 013M1**

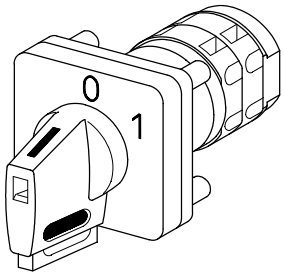
SMD modules for basic switch

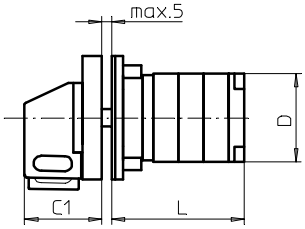
Mounting form module for 013M1	M200 / T200	**BFB2 - 013**
M-operator module 64 x 64 mm, mounting form 013M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 013M1		**FAS4 - ....** (FA number)

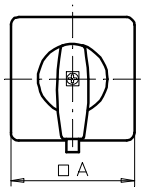
Dimensions (mm)

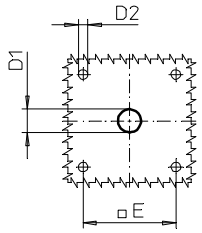
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	15	5	48	40	50	60	70	80	90	100	10
M221	64	39	46	15	5	48	43	56	69	82	95	108	121	13
M225	64	39	48	15	5	48	43	56	69	82	95	108	121	13
T225	64	39	50	15	5	48	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

013V1 (IP66)
014V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 013V1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 013V1**
Padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 013V1**
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 014V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 014V1**
3 positions padlockable (09h/12h/03h)	1 ... 24	T200	32	15	11	**T225 - 61 ... - 014V1**

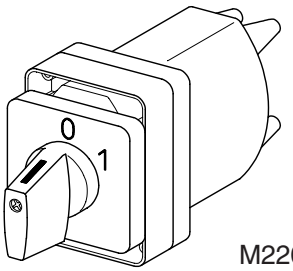
SMD modules for basic switch

Mounting form module for 013V1/014V1	M200 / T200	**BFB2 - 013**
V-operator module 64 x 64 mm, mounting form 013V1 Escutcheon black, handle black		**4AV1 - 12**
V-operator module 64 x 64 mm, mounting form 014V1 Escutcheon black, handle black		**4AV1 - 99**
Legend plate silver, operator module 013V1/ 014V1		**FAS4 - ....** (FA number)

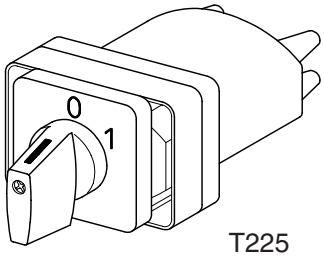
Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	15	5	48	40	50	60	70	80	90	100	10
M221	64	39	46	15	5	48	43	56	69	82	95	108	121	13
M225	64	39	48	15	5	48	43	56	69	82	95	108	121	13
T225	64	39	50	15	5	48	45	60	75	90	105	120	135	15

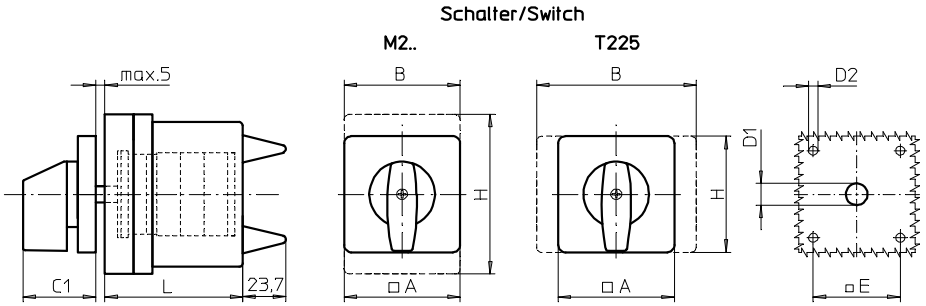
Front Mounting Switches



M220/ M225



T225



Product lines M200 / T200

Front mounting switch
With dust protection cover
Operator module of next size

Four hole mounting
48 x 48 mm

015M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 015M1**
	1 ... 6		25	11	7,5	**M225 - 61 ... - 015M1**
	1 ... 4	T200	32	15	11	**T225 - 61 ... - 015M1**

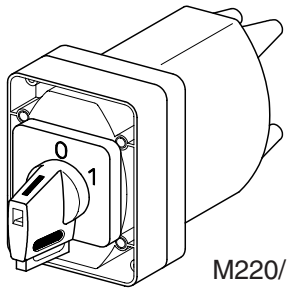
SMD modules for basic switch

Mounting form module for 015M1	M200 T200	**BFA2 - 015** **BFB2 - 015**
M-operator module 64 x 64 mm, mounting form 015M1 Escutcheon black, handle black	M200 / T200	**4AM1**
Legend plate silver, operator module 015M1		**FAS4 - ....** (FA number)

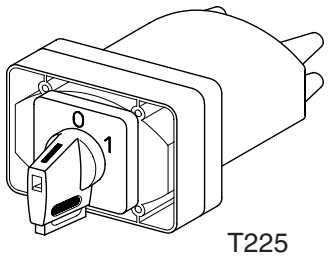
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	64	64	39	15	5	48	88	80	80	80	80
M221	64	64	39	15	5	48	88	80	80	80	-
M225	64	64	39	15	5	48	88	80	80	80	-
T225	64	88	39	15	5	48	64	80	80	-	-

Front Mounting Switches

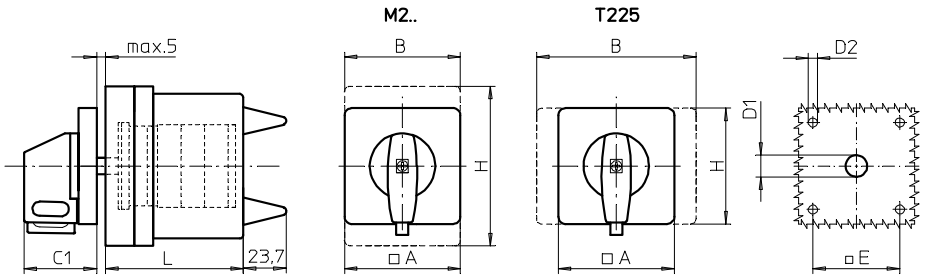


M220/ M225



T225

Schalter/Switch



Product lines M200 / T200

Front mounting switch
With dust protection cover
Operator module of next size

Four hole mounting
48 x 48 mm

015V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 015V1**
	1 ... 6		25	11	7,5	**M225 - 61 ... - 015V1**
	1 ... 4	T200	32	15	11	**T225 - 61 ... - 015V1**

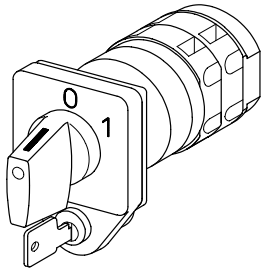
SMD modules for basic switch

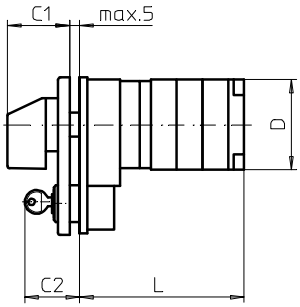
Mounting form module for 015V1	M200 T200	**BFA2 - 015** **BFB2 - 015**
V-operator module 64 x 64 mm, mounting form 015V1 Escutcheon black, handle black	M200 / T200	**4AV1 - 12**
Legend plate silver, operator module 015V1		**FAS4 - ....** (FA number)

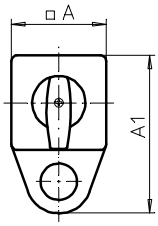
Dimensions (mm)

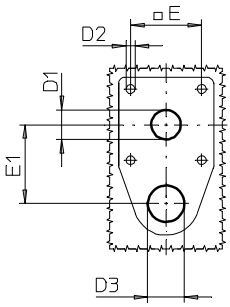
Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	64	64	39	15	5	48	88	80	80	80	80
M221	64	64	39	15	5	48	88	80	80	80	-
M225	64	64	39	15	5	48	88	80	80	80	-
T225	64	88	39	15	5	48	64	80	80	-	-

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
With cylinder lock device
Key number CL1

Four hole mounting
36 x 36 mm

060M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 060M1** **M225 - 61 ... - 060M1**
Position "OFF" or start position locked Other locking arrangements available; please specify upon request 2 keys, keylockable in selected position	1 ... 24	T200	32	15	11	**T225 - 61 ... - 060M1**

Further lock types and security lock on request.

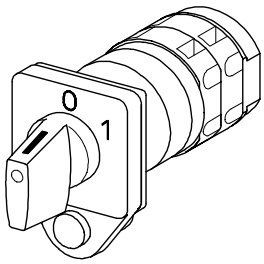
SMD modules for basic switch

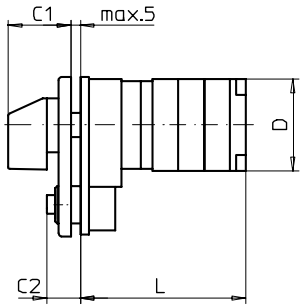
Mounting form module for 060M1	M200 / T200	**BFA2 - 060**
M-operator module, mounting form 060M1 Escutcheon black, handle black		**2OM1**
Legend plate silver, operator module 060M1		**FAS2 - ....** (FA number)

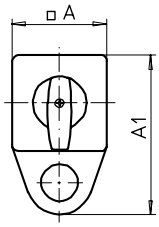
Dimensions (mm)

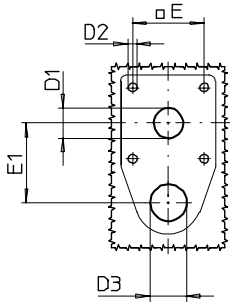
Product lines	A	A1	C1	C2	D	D1	D2	D3	E	E1	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	80	32	40	46	15	4,5	19	36	40	54	64	74	84	10
M221	48	80	32	40	46	15	4,5	19	36	40	57	70	83	96	13
M225	48	80	32	40	48	15	4,5	19	36	40	57	70	83	96	13
T225	48	80	32	40	50	15	4,5	19	36	40	59	74	89	104	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Push-button operated
Safety interlock

Four hole mounting
36 x 36 mm

062M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 062M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 062M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 062M1**
Position "OFF" or start position locked						
Other locking arrangements available; please specify upon request						
dual action push button safety interlock						

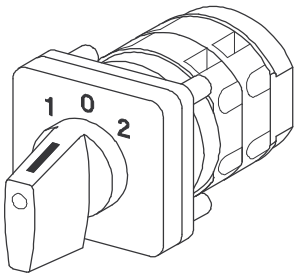
SMD modules for basic switch

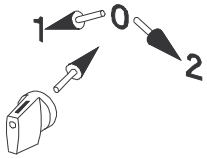
Mounting form module for 062M1	M200 / T200	**BFA2 - 062**
M-operator module, mounting form 062M1 Escutcheon black, handle black		**2OM1**
Legend plate silver, operator module 062M1		**FAS2 - ....** (FA number)

Dimensions (mm)

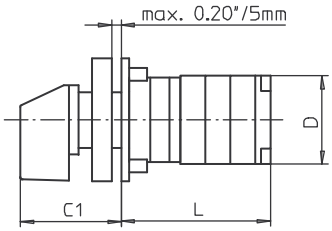
Product lines	A	A1	C1	C2	D	D1	D2	D3	E	E1	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	80	32	40	46	15	4,5	19	36	40	54	64	74	84	10
M221	48	80	32	40	46	15	4,5	19	36	40	57	70	83	96	13
M225	48	80	32	40	48	15	4,5	19	36	40	57	70	83	96	13
T225	48	80	32	40	50	15	4,5	19	36	40	59	74	89	104	15

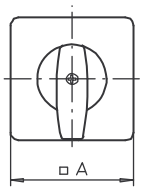
Front Mounting Switches

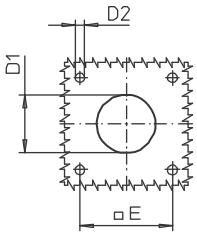




Push handle in starting position at 12h, then turn to position 1 or position 2 where required.







Product lines M200/T200

Front mounting switch

Four hole mounting
36 x 36 mm

Push-To-Turn
Adaptor ø 22,5 mm

064M1 (IP40)

Complete switch	Poles	Product lines	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 16	M200	20	7,5	5,5	**M220 - 61 ... - 064M1**
			25	11	7,5	**M225 - 61 ... - 064M1**
45° spring return to both directions, spring return to OFF	1 ... 16	T200	32	15	11	**T225 - 61 ... - 064M1**
Other switching angle or function for spring return and stay-put on request						

SMD modules for basic switch

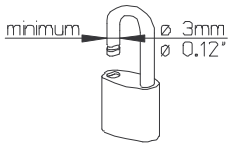
Mounting form module for 064M1	M200/ T200	**BFA2 - 064**
M-operator module 48 x 48 mm, mounting form 064M1 Escutcheon black, M-handle black		**2PM1 - 12**
Legend plate silver, operator module 064M1		**FAV2 - ....** (FA number)

Dimensions (mm)

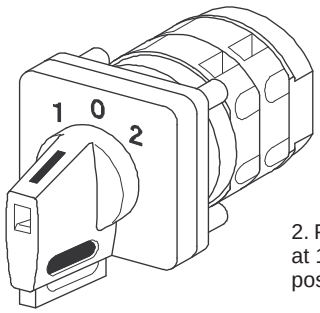
							L with ... stages (max. 8)							
Typ	**A**	**C1**	**D**	**D1***	**D2**	**E**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
M220	48	45	46	22,5	4,5	36	49	59	69	79	89	99	109	119
M221	48	45	46	22,5	4,5	36	52	65	78	91	104	117	130	143
M225	48	45	48	22,5	4,5	36	52	65	78	91	104	117	130	143
T225	48	45	50	22,5	4,5	36	54	69	84	99	114	129	144	159

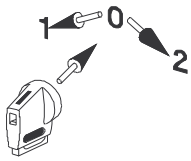
*) hole tool for single hole mounting Ø 22,5 mm can be used.

Front Mounting Switches

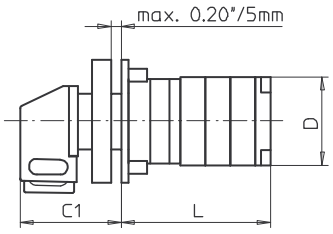


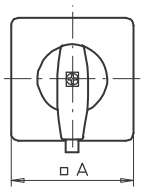
1. Unlock V-handle

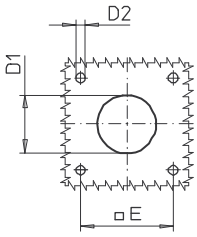




2. Push handle in starting position at 12h, then turn to position 1 or position 2 where required.







Product lines
M200/T200

Front mounting switch

Four hole mounting
36 x 36 mm

Push-To-Turn
Adaptor ø 22,5 mm

064V1 (IP40)

Complete switch	**Poles**	**Product lines**	**Rated data** (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	**Order code number**
Rotary Cam Switches OFF position padlockable 12h	1 ... 16	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 064V1** **M225 - 61 ... - 064V1**
45° spring return to both directions, spring return to OFF	1 ... 16	T200	32	15	11	**T225 - 61 ... - 064V1**
Other switching angle or function for spring return and stay-put on request						

SMD modules for basic switch

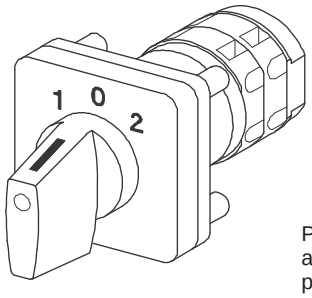
Mounting form module for 064V1	M200/ T200	**BFA2 - 064**
V-operator module 48 x 48 mm, mounting form 064V1 Escutcheon black, V-handle black		**2PV1 - 12**
Legend plate silver, operator module 064V1		**FAV2 - ....** (FA number)

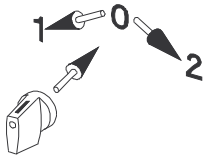
Dimensions (mm)

							L with ... stages (max. 8)							
Typ	**A**	**C1**	**D**	**D1***	**D2**	**E**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
M220	48	45	46	22,5	4,5	36	49	59	69	79	89	99	109	119
M221	48	45	46	22,5	4,5	36	52	65	78	91	104	117	130	143
M225	48	45	48	22,5	4,5	36	52	65	78	91	104	117	130	143
T225	48	45	50	22,5	4,5	36	54	69	84	99	114	129	144	159

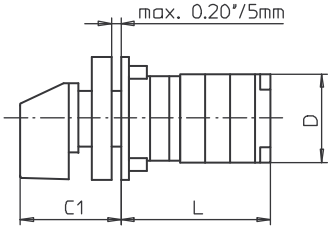
*) hole tool for single hole mounting Ø 22,5 mm can be used.

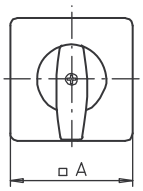
Front Mounting Switches

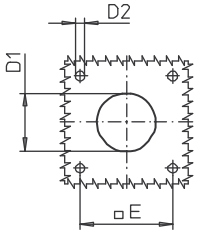




Push handle in starting position at 12h, then turn to position 1 or position 2 where required.







Product lines M200/T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

Push-To-Turn
Adaptor ø 30,5 mm

065M1 (IP40)

Complete switch	**Poles**	**Product lines**	**Rated data** (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	**Order code number**
Rotary Cam Switches	1 ... 16	M200	20	7,5	5,5	**M220 - 61 ... - 065M1**
			25	11	7,5	**M225 - 61 ... - 065M1**
45° spring return to both directions, spring return to OFF	1 ... 16	T200	32	15	11	**T225 - 61 ... - 065M1**
Other switching angle or function for spring return and stay-put on request						

SMD modules for basic switch

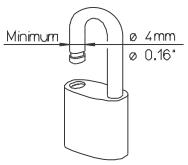
Mounting form module for 065M1	M200/ T200	**BFA2 - 065**
M-operator module 64 x 64 mm, mounting form 065M1 Escutcheon black, M-handle black		**4PM1 - 12**
Legend plate silver, operator module 065M1		**FAS4 - ....** (FA number)

Dimensions (mm)

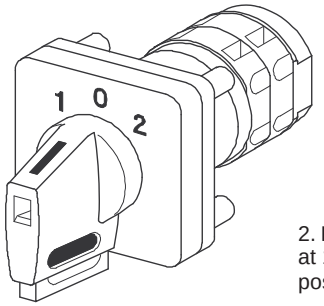
							L with ... stages (max. 8)							
Typ	**A**	**C1**	**D**	**D1***	**D2**	**E**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
M220	64	53	46	30,5	5	48	49	59	69	79	89	99	109	119
M221	64	53	46	30,5	5	48	52	65	78	91	104	117	130	143
M225	64	53	48	30,5	5	48	52	65	78	91	104	117	130	143
T225	64	53	50	30,5	5	48	54	69	84	99	114	129	144	159

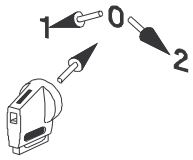
*) hole tool for single hole mounting Ø 30,5 mm can be used.

Front Mounting Switches

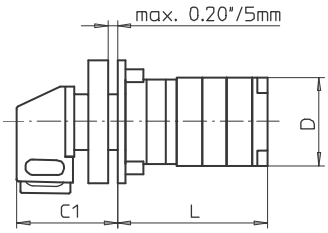


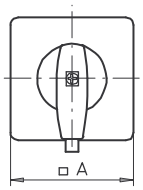
1. Unlock V-handle

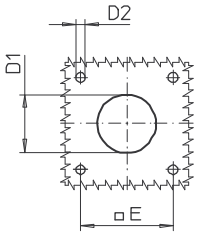




2. Push handle in starting position at 12h, then turn to position 1 or position 2 where required.







Product lines
M200/ T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

Push-To-Turn
Adaptor ø 30,5 mm

065V1 (IP40)

Complete switch	Poles	Product lines	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches OFF position padlockable 12h	1 ... 16	M200	20	7,5	5,5	**M220 - 61 ... - 065V1**
			25	11	7,5	**M225 - 61 ... - 065V1**
	1 ... 16	T200	32	15	11	**T225 - 61 ... - 065V1**
45° spring return to both directions, spring return to OFF						
Other switching angle or function for spring return and stay-put on request						

SMD modules for basic switch

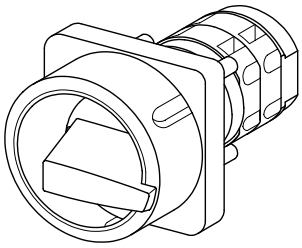
Mounting form module for 065V1	M200/ T200	**BFA2 - 065**
V-operator module 64 x 64 mm, mounting form 065V1 Escutcheon black, V-handle black		**4PV1 - 12**
Legend plate silver, operator module 065V1		**FAS4 - ....** (FA number)

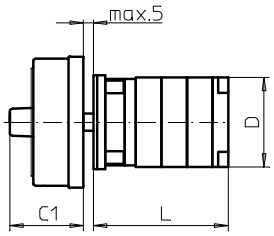
Dimensions (mm)

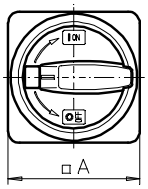
Type	A	C1	D	D1*	D2	E	L with ... stages (max. 8) 1	2	3	4	5	6	7	8
M220	64	53	46	30,5	5	48	49	59	69	79	89	99	109	119
M221	64	53	46	30,5	5	48	52	65	78	91	104	117	130	143
M225	64	53	48	30,5	5	48	52	65	78	91	104	117	130	143
T225	64	53	50	30,5	5	48	54	69	84	99	114	129	144	159

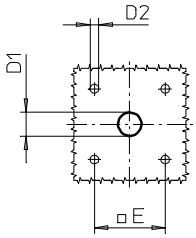
*) hole tool for single hole mounting Ø 30,5 mm can be used.

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

033M1 (IP66)
033M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 033M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 033M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 033M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 033M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 033M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 033M4**

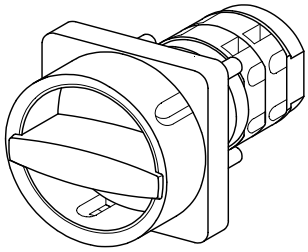
SMD modules for basic switch

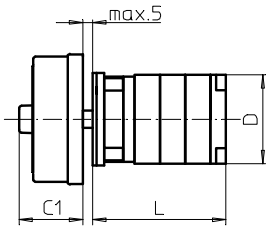
Mounting form module for 033M.	M200 / T200	**BFB2 - 033**
M-padlock device 67 x 67 mm, mounting form 033M1 Escutcheon black, padlockable handle black		**2CM1**
M-padlock device 67 x 67 mm, mounting form 033M4 Escutcheon yellow, padlockable handle red		**2CM4**

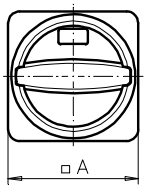
Dimensions (mm)

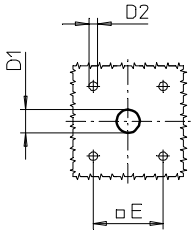
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	38	46	15	4,5	36	40	50	60	70	80	90	100	10
M221	67	38	46	15	4,5	36	43	56	69	82	95	108	121	13
M225	67	38	48	15	4,5	36	43	56	69	82	95	108	121	13
T225	67	38	50	15	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

033N1 (IP66)
033N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches Switching angle 90° OFF position padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 033N1** **M225 - 61 ... - 033N1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 033N1**
Main/Emergency-Off Switches Switching angle 90° OFF position padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 033N4** **M225 - 61 ... - 033N4**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 033N4**

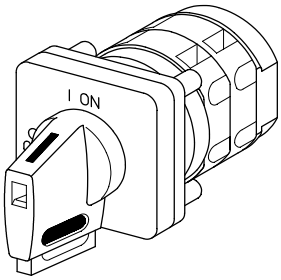
SMD modules for basic switch

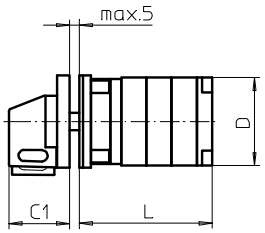
Mounting form module for 033N.	M200 / T200	**BFB2 - 033**
N-padlock device 67 x 67 mm, mounting form 033N1 Escutcheon black, padlockable handle black		**2CN1**
N-padlock device 67 x 67 mm, mounting form 033N4 Escutcheon yellow, padlockable handle red		**2CN4**

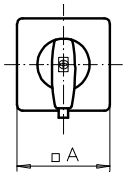
Dimensions (mm)

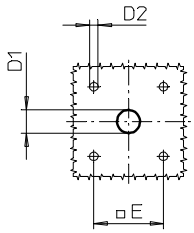
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	33	46	15	4,5	36	40	50	60	70	80	90	100	10
M221	67	33	46	15	4,5	36	43	56	69	82	95	108	121	13
M225	67	33	48	15	4,5	36	43	56	69	82	95	108	121	13
T225	67	33	50	15	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

033V1 (IP66)
033V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 033V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 033V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 033V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 033V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 033V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 033V4**

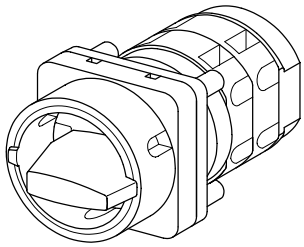
SMD modules for basic switch

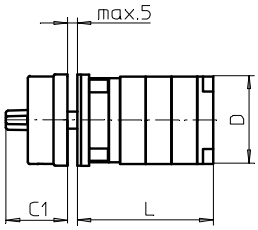
Mounting form module for 033V.	M200 / T200	**BFB2 - 003**
V-operator module 48 x 48 mm, mounting form 033V1 Escutcheon black, handle black		**2AV1 - 09**
Legend plate silver, operator module 033V1		**FAS2 - 9078**
V-operator module 48 x 48 mm, mounting form 033V4 Escutcheon black, handle red		**2AV4 - 09**
Legend plate yellow, operator module 033V4		**FBS2 - 9078**

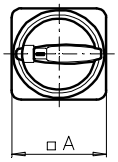
Dimensions (mm)

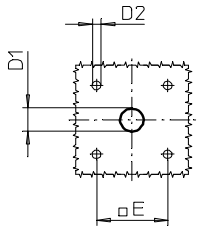
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

035M1 (IP66)
035M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 035M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 035M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 035M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 035M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 035M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 035M4**

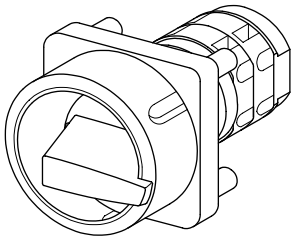
SMD modules for basic switch

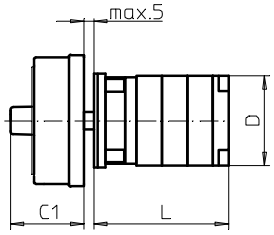
Mounting form module for 035M.	M200 / T200	**BFB2 - 003**
M-padlock device 48 x 48 mm, mounting form 035M1 Escutcheon black, padlockable handle black		**2BM1**
M-padlock device 48 x 48 mm, mounting form 035M4 Escutcheon yellow, padlockable handle red		**2BM4**

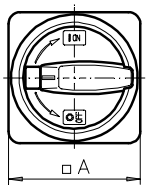
Dimensions (mm)

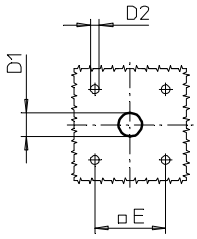
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	31	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	31	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	31	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	31	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

036M1 **(IP66)**
036M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 036M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 036M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 036M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 036M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 036M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 036M4**

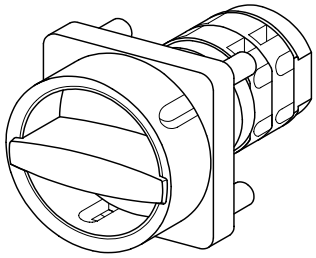
SMD modules for basic switch

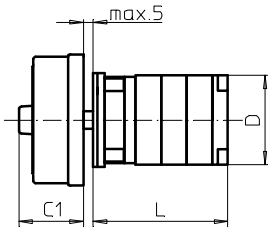
Mounting form module for 036M.	M200 / T200	**BFB2 - 036**
M-padlock device 67 x 67 mm, mounting form 036M1 Escutcheon black, padlockable handle black		**4BM1**
M-padlock device 67 x 67 mm, mounting form 036M4 Escutcheon yellow, padlockable handle red		**4BM4**

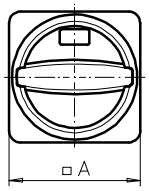
Dimensions (mm)

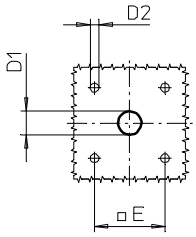
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	38	46	15	5	48	40	50	60	70	80	90	100	10
M221	67	38	46	15	5	48	43	56	69	82	95	108	121	13
M225	67	38	48	15	5	48	43	56	69	82	95	108	121	13
T225	67	38	50	15	5	48	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

036N1 (IP66)
036N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 036N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 036N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 036N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 036N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 036N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 036N4**

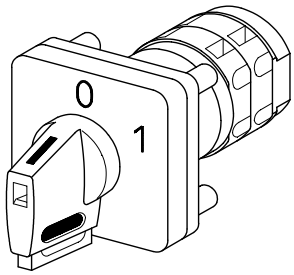
SMD modules for basic switch

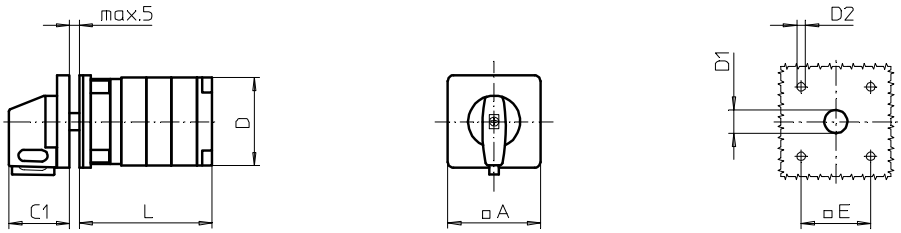
Mounting form module for 036N.	M200 / T200	**BFB2 - 036**
N-padlock device 67 x 67 mm, mounting form 036N1 Escutcheon black, padlockable handle black		**4BN1**
N-padlock device 67 x 67 mm, mounting form 036N4 Escutcheon yellow, padlockable handle red		**4BN4**

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	33	46	15	5	48	40	50	60	70	80	90	100	10
M221	67	33	46	15	5	48	43	56	69	82	95	108	121	13
M225	67	33	48	15	5	48	43	56	69	82	95	108	121	13
T225	67	33	50	15	5	48	45	60	75	90	105	120	135	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Operator module of next size

Four hole mounting
48 x 48 mm

036V1 (IP66)
036V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches Switching angle 90° OFF position padlockable 09h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 036V1** **M225 - 61 ... - 036V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 036V1**
Main/Emergency-Off Switches Switching angle 90° OFF position padlockable 09h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 036V4** **M225 - 61 ... - 036V4**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 036V4**

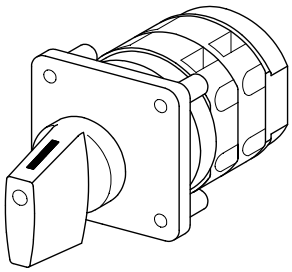
SMD modules for basic switch

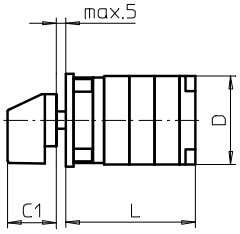
Mounting form module for 036V.	M200 / T200	**BFB2 - 013**
V-operator module 64 x 64 mm, mounting form 036V1 Escutcheon black, handle black		**4AV1 - 09**
Legend plate silver, operator module 036V1		**FAS4 - 9078**
V-operator module 64 x 64 mm, mounting form 036V4 Escutcheon black, handle red		**4AV4 - 09**
Legend plate yellow, operator module 036V4		**FBS4 - 9078**

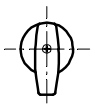
Dimensions (mm)

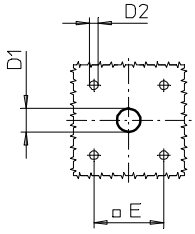
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	15	5	48	40	50	60	70	80	90	100	10
M221	64	39	46	15	5	48	43	56	69	82	95	108	121	13
M225	64	39	48	15	5	48	43	56	69	82	95	108	121	13
T225	64	39	50	15	5	48	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Without escutcheon

Four hole mounting
36 x 36 mm

103M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 103M1**
			25	11	7,5	**M225 - 61 ... - 103M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 103M1**

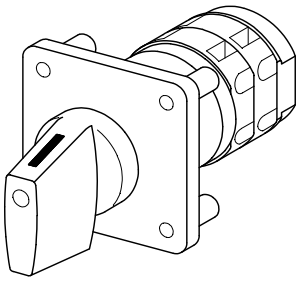
SMD modules for basic switch

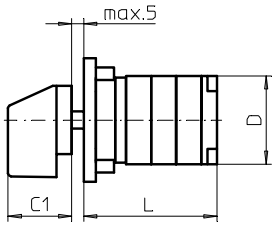
Mounting form module for 103M1 (Shaft shortened by 5 mm)	M200 / T200	**BFB2 - 103**
M-handle black, mounting form 103M1 (Without escutcheon/without legend plate)		**2XM1**

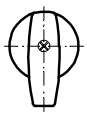
Dimensions (mm)

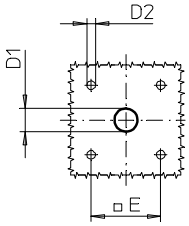
						L with ... stages (max. 12)							each add.
Product lines	**C1**	**D**	**D1**	**D2**	**E**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**stage**
M220	25	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	25	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	25	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	25	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines M200 / T200

Front mounting switch
Operator module of next size
Without escutcheon

Four hole mounting
48 x 48 mm

113M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 113M1**
			25	11	7,5	**M225 - 61 ... - 113M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 113M1**

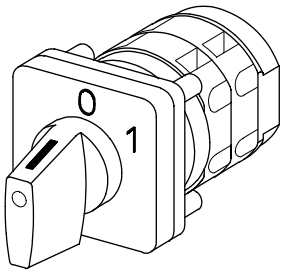
SMD modules for basic switch

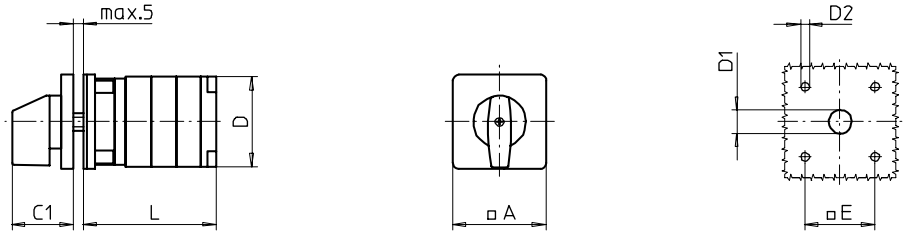
Mounting form module for 113M1 (Shaft shortened by 5 mm)	M200 / T200	**BFB2 - 036**
M-handle black, mounting form 113M1 (Without escutcheon/without legend plate)		**4XM1**

Dimensions (mm)

						L with ... stages (max. 12)							each add.
Product lines	**C1**	**D**	**D1**	**D2**	**E**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**stage**
M220	30	46	15	5	48	40	50	60	70	80	90	100	10
M221	30	46	15	5	48	43	56	69	82	95	108	121	13
M225	30	48	15	5	48	43	56	69	82	95	108	121	13
T225	30	50	15	5	48	45	60	75	90	105	120	135	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

Hexagon steel shaft
Front mounting panel door thickness up to 5 mm max.

120M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 120M1**
			25	11	7,5	**M225 - 61 ... - 120M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 120M1**

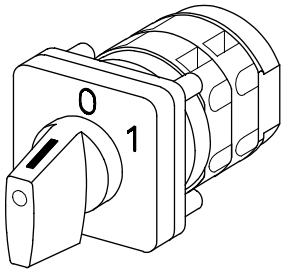
SMD modules for basic switch

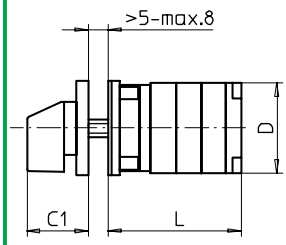
Mounting form module for 120M1	M200 / T200	**BFB2 - 120**
M-operator module 48 x 48 mm, mounting form 120M1 Escutcheon black, handle black		**2PM1**
Legend plate silver, operator module 120M1		**FAS2 - ....** (FA number)

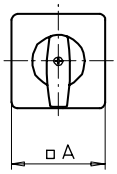
Dimensions (mm)

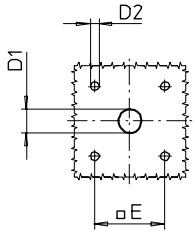
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

Hexagon steel shaft
Front mounting panel
door thickness up to
5 to 8 mm max.

121M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 121M1** **M225 - 61 ... - 121M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 121M1**

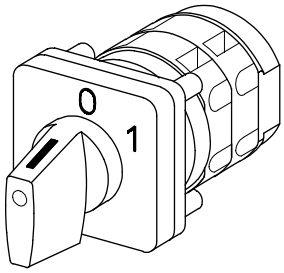
SMD modules for basic switch

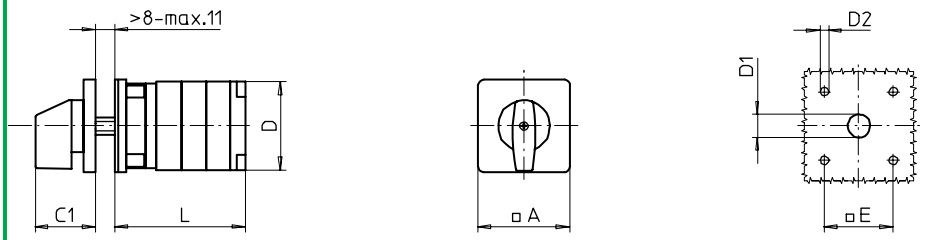
Mounting form module for 121M1	M200 / T200	**BFB2 - 121**
M-operator module 48 x 48 mm, mounting form 121M1 Escutcheon black, handle black		**2SM1**
Legend plate silver, operator module 121M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	36	45	60	75	90	105	120	135	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Four hole mounting
36 x 36 mm

Hexagon steel shaft
Front mounting panel door thickness up to 8 to 11 mm max.

122M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 122M1**
			25	11	7,5	**M225 - 61 ... - 122M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 122M1**

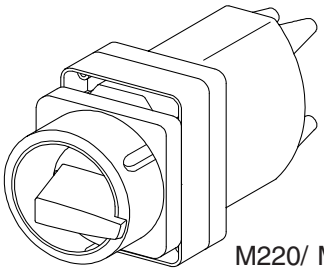
SMD modules for basic switch

Mounting form module for 122M1	M200 / T200	**BFB2 - 122**
M-operator module 48 x 48 mm, mounting form 122M1 Escutcheon black, handle black		**2TM1**
Legend plate silver, operator module 122M1		**FAS2 - ....** (FA number)

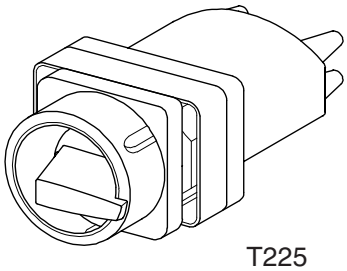
Dimensions (mm)

Type	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	36	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	36	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	36	45	60	75	90	105	120	135	15

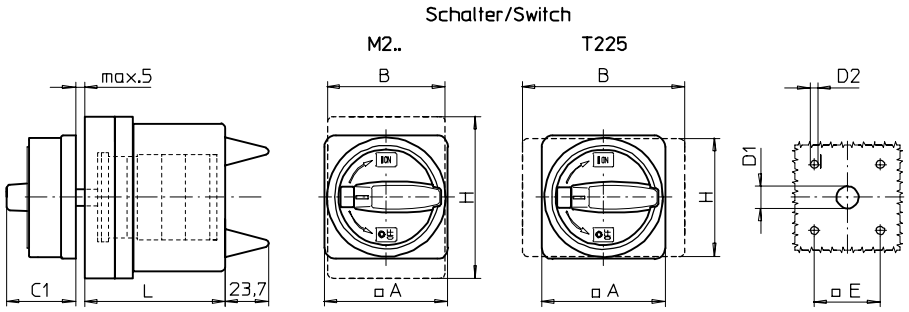
Front Mounting Switches



M220/ M225



T225



Product lines
M200 / T200

Front mounting switch
With dust protection cover

Four hole mounting
36 x 36 mm

130M1 (IP66)
130M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 130M1**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 130M1**
OFF position padlockable 09h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 130M1**
Main/Emergency-Off Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 130M4**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 130M4**
OFF position padlockable 09h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 130M4**

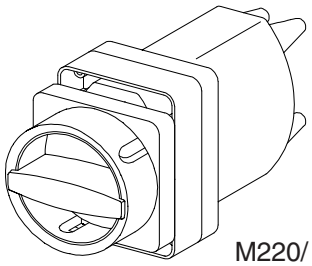
SMD modules for basic switch

Mounting form module for 130M.	M200 T200	**BFA2 - 130** **BFB2 - 130**
M-padlock device 67 x 67 mm, mounting form 130M1 Escutcheon black, padlockable handle black		**2CM1**
M-padlock device 67 x 67 mm, mounting form 130M4 Escutcheon yellow, padlockable handle red		**2CM4**

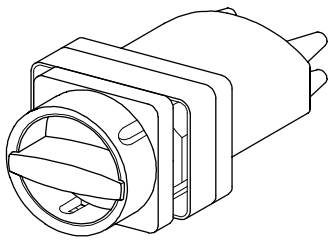
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	67	64	38	15	4,5	36	88	80	80	80	80
M221	67	64	38	15	4,5	36	88	80	80	80	-
M225	67	64	38	15	4,5	36	88	80	80	80	-
T225	67	88	38	15	4,5	36	64	80	80	-	-

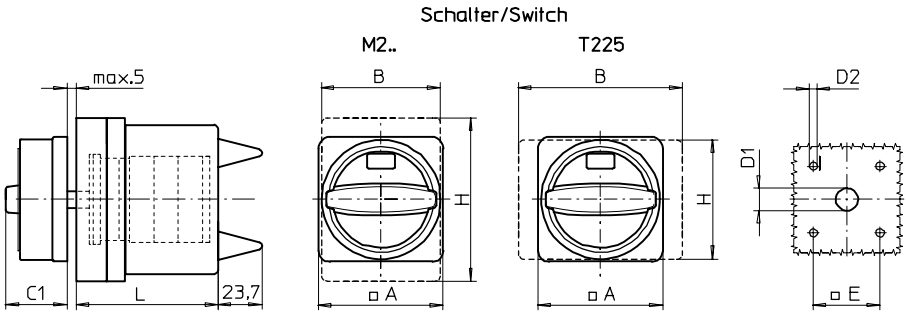
Front Mounting Switches



M220/ M225



T225



Product lines
M200 / T200

Front mounting switch
With dust protection cover

Four hole mounting
36 x 36 mm

130N1 (IP66)
130N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 130N1**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 130N1**
OFF position padlockable 12h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 130N1**
Main/Emergency-Off Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 130N4**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 130N4**
OFF position padlockable 12h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 130N4**

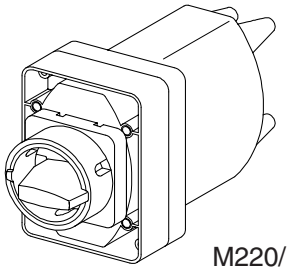
SMD modules for basic switch

Mounting form module for 130N.	M200	**BFA2 - 130**
	T200	**BFB2 - 130**
N-padlock device 67 x 67 mm, mounting form 130N1 Escutcheon black, padlockable handle black		**2CN1**
N-padlock device 67 x 67 mm, mounting form 130N4 Escutcheon yellow, padlockable handle red		**2CN4**

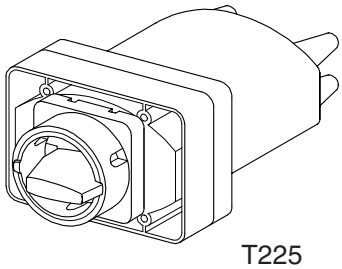
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	67	64	33	15	4,5	36	88	80	80	80	80
M221	67	64	33	15	4,5	36	88	80	80	80	-
M225	67	64	33	15	4,5	36	88	80	80	80	-
T225	67	88	33	15	4,5	36	64	80	80	-	-

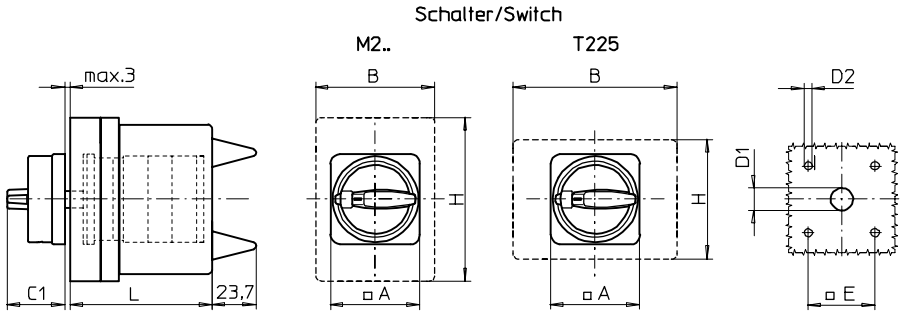
Front Mounting Switches



M220/ M225



T225



Product lines
M200 / T200

Front mounting switch
With dust protection cover

Four hole mounting
36 x 36 mm

131M1 (IP66)
131M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 131M1**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 131M1**
OFF position padlockable 09h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 131M1**
Main/Emergency-Off Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 131M4**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 131M4**
OFF position padlockable 09h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 131M4**

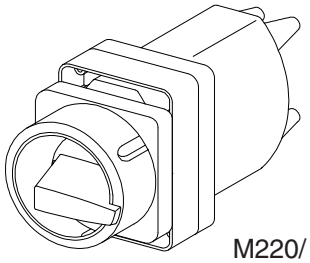
SMD modules for basic switch

Mounting form module for 131M.	M200	**BFA2 - 131**
	T200	**BFB2 - 131**
M-padlock device 48 x 48 mm, mounting form 131M1 Escutcheon black, padlockable handle black		**2BM1**
M-padlock device 48 x 48 mm, mounting form 131M4 Escutcheon yellow, padlockable handle red		**2BM4**

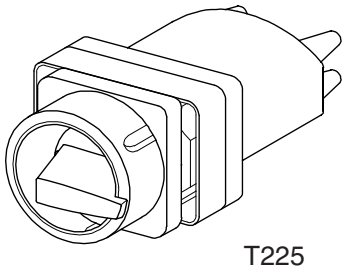
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	48	64	32	12	4,5	36	88	80	80	80	80
M221	48	64	32	12	4,5	36	88	80	80	80	-
M225	48	64	32	12	4,5	36	88	80	80	80	-
T225	48	88	32	12	4,5	36	64	80	80	-	-

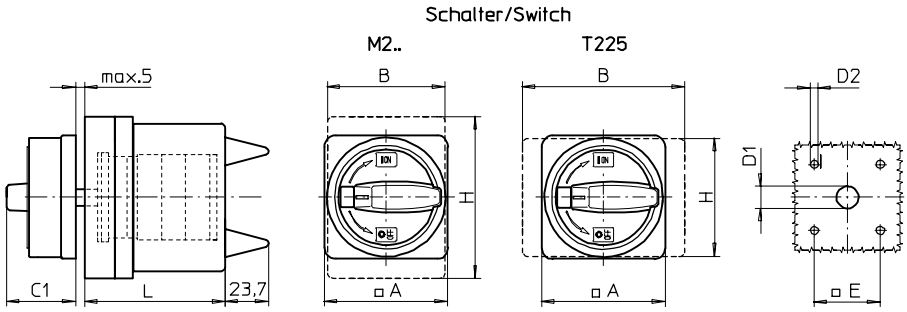
Front Mounting Switches



M220/ M225



T225



Product lines
M200 / T200

Front mounting switch
Operator module of next size
With dust protection cover

Four hole mounting
48 x 48 mm

132M1 **(IP66)**
132M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 132M1**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 132M1**
OFF position padlockable 09h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 132M1**
Main/Emergency-Off Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 132M4**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 132M4**
OFF position padlockable 09h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 132M4**

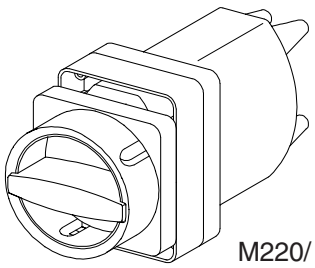
SMD modules for basic switch

Mounting form module for 132M.	M200	**BFA2 - 132**
	T200	**BFB2 - 132**
M-padlock device 67 x 67 mm, mounting form 132M1 Escutcheon black, padlockable handle black		**4BM1**
M-padlock device 67 x 67 mm, mounting form 132M4 Escutcheon yellow, padlockable handle red		**4BM4**

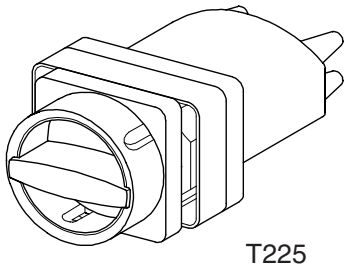
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	67	64	38	15	5	48	88	80	80	80	80
M221	67	64	38	15	5	48	88	80	80	80	-
M225	67	64	38	15	5	48	88	80	80	80	-
T225	67	88	38	15	5	48	64	80	80	-	-

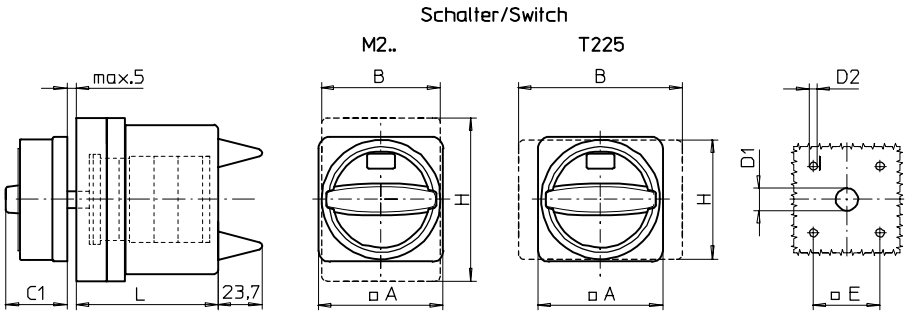
Front Mounting Switches



M220/ M225



T225



Product lines
M200 / T200

Front mounting switch
Operator module of next size
With dust protection cover

Four hole mounting
48 x 48 mm

132N1 (IP66)
132N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 132N1**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 132N1**
OFF position padlockable 12h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 132N1**
Main/Emergency-Off Switches	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 132N4**
Switching angle 90°	1 ... 6		25	11	7,5	**M225 - 61 ... - 132N4**
OFF position padlockable 12h	1 ... 4	T200	32	15	11	**T225 - 61 ... - 132N4**

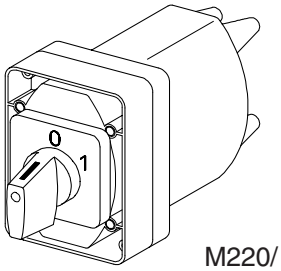
SMD modules for basic switch

Mounting form module for 132N.	M200	**BFA2 - 132**
	T200	**BFB2 - 132**
N-padlock device 67 x 67 mm, mounting form 132N1 Escutcheon black, padlockable handle black		**4BN1**
N-padlock device 67 x 67 mm, mounting form 132N4 Escutcheon yellow, padlockable handle red		**4BN4**

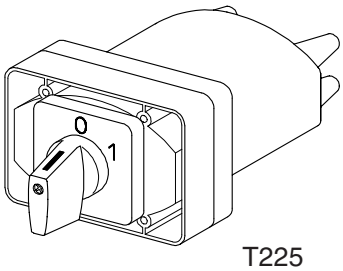
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	67	64	33	15	5	48	88	80	80	80	80
M221	67	64	33	15	5	48	88	80	80	80	-
M225	67	64	33	15	5	48	88	80	80	80	-
T225	67	88	33	15	5	48	64	80	80	-	-

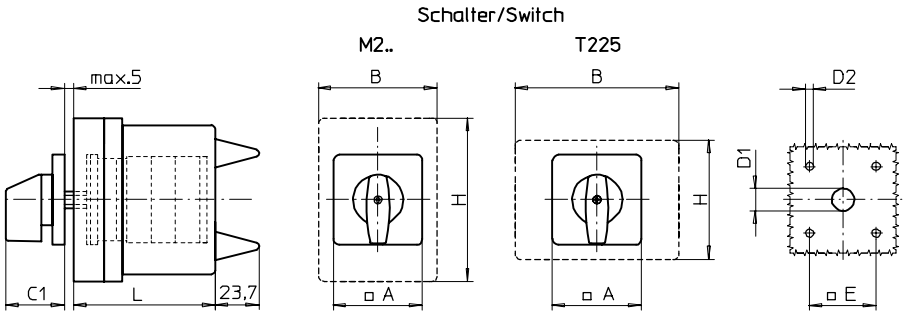
Front Mounting Switches



M220/ M225



T225



Product lines M200 / T200

Front mounting switch
With dust protection cover

Four hole mounting
36 x 36 mm

Hexagon steel shaft
Front mounting panel door thickness up to 5 mm max.

150M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 150M1**
	1 ... 6		25	11	7,5	**M225 - 61 ... - 150M1**
	1 ... 4	T200	32	15	11	**T225 - 61 ... - 150M1**

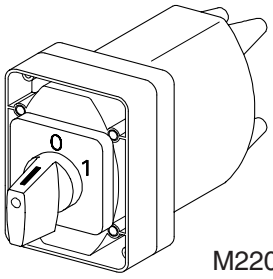
SMD modules for basic switch

Mounting form module for 150M1	M200	**BFA2 - 150**
	T200	**BFB2 - 150**
M-operator module 48 x 48 mm, mounting form 150M1 Escutcheon black, handle black	M200 / T200	**2PM1**
Legend plate silver, operator module 150M1		**FAS2 - ....** (FA number)

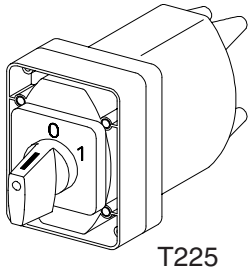
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	48	64	32	12	4,5	36	88	80	80	80	80
M221	48	64	32	12	4,5	36	88	80	80	80	-
M225	48	64	32	12	4,5	36	88	80	80	80	-
T225	48	88	32	12	4,5	36	64	80	80	-	-

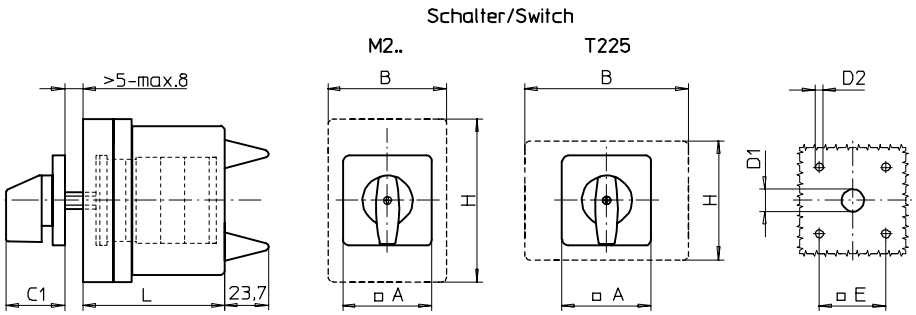
Front Mounting Switches



M220/ M225



T225



Product lines M200 / T200

Front mounting switch
with dust protection cover

Four hole mounting
36 x 36 mm

Hexagon steel shaft
Front mounting panel door thickness up to 5 to 8 mm max.

151M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 151M1**
	1 ... 6		25	11	7,5	**M225 - 61 ... - 151M1**
	1 ... 4	T200	32	15	11	**T225 - 61 ... - 151M1**

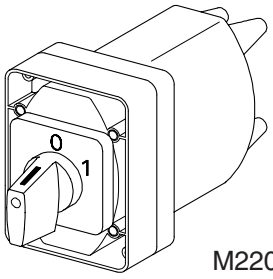
SMD modules for basic switch

Mounting form module for 151M1	M200	**BFA2 - 151**
	T200	**BFB2 - 151**
M-operator module 48 x 48 mm, mounting form 151M1 Escutcheon black, handle black	M200 / T200	**2SM1**
Legend plate silver, operator module 151M1		**FAS2 - ....** (FA number)

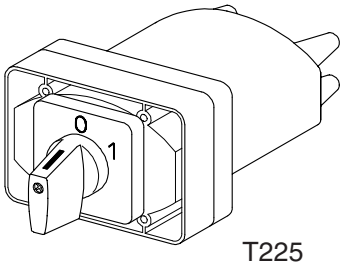
Dimensions (mm)

Product lines	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	48	64	32	12	4,5	36	88	80	80	80	80
M221	48	64	32	12	4,5	36	88	80	80	80	-
M225	48	64	32	12	4,5	36	88	80	80	80	-
T225	48	88	32	12	4,5	36	64	80	80	-	-

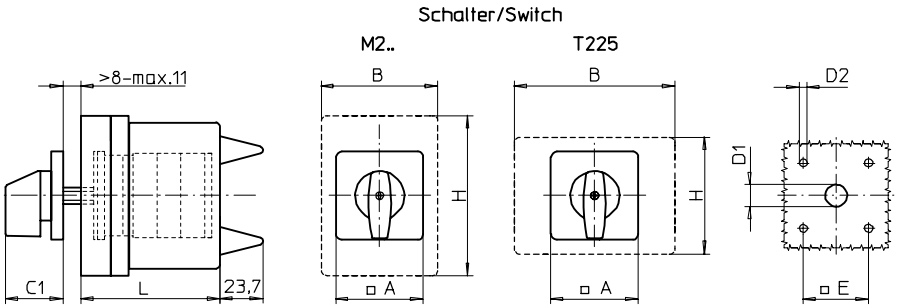
Front Mounting Switches



M220/ M225



T225



Product lines
M200 / T200

Front mounting switch
with dust protection cover

Four hole mounting
36 x 36 mm

Hexagon steel shaft
Front mounting panel door thickness up to 8 to 11 mm max.

152M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 152M1**
	1 ... 6		25	11	7,5	**M225 - 61 ... - 152M1**
	1 ... 4	T200	32	15	11	**T225 - 61 ... - 152M1**

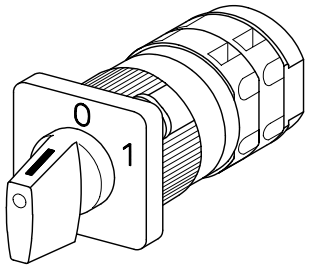
SMD modules for basic switch

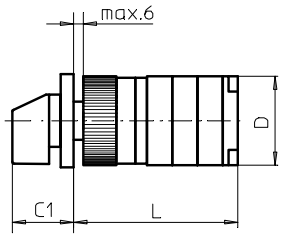
Mounting form module for 152M1	M200 T200	**BFA2 - 152** **BFB2 - 152**
M-operator module 48 x 48 mm, mounting form 152M1 Escutcheon black, handle black	M200 / T200	**2TM1**
Legend plate silver, operator module 152M1		**FAS2 - ....** (FA number)

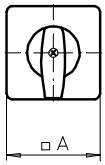
Dimensions (mm)

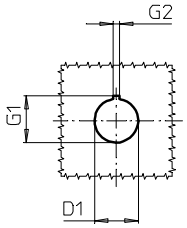
Typ	A	B	C1	D1	D2	E	H	L with ... stages 1	2	3	4
M220	48	64	32	12	4,5	36	88	80	80	80	80
M221	48	64	32	12	4,5	36	88	80	80	80	-
M225	48	64	32	12	4,5	36	88	80	80	80	-
T225	48	88	32	12	4,5	36	64	80	80	-	-

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 22,5 mm

219M1 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 219M1**
			25	11	7,5	**M225 - 61 ... - 219M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 219M1**

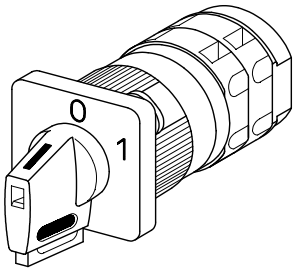
SMD modules for basic switch

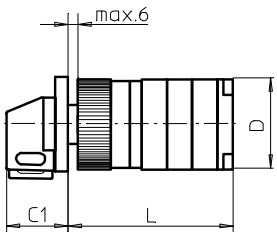
Mounting form module for 219M1	M200 / T200	**BFB2 - 219**
M-operator module 48 x 48 mm, mounting form 219M1 Escutcheon black, handle black		**2DM1**
Legend plate silver, operator module 219M1		**FAS2 - ....** (FA number)

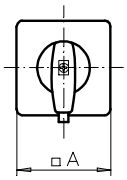
Dimensions (mm)

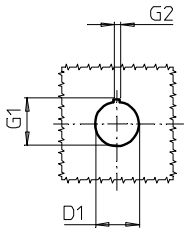
Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	48	32	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	48	32	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	48	32	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 22,5 mm

219V1 (IP66)
220V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 219V1** **M225 - 61 ... - 219V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 219V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 220V1** **M225 - 61 ... - 220V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 220V1**

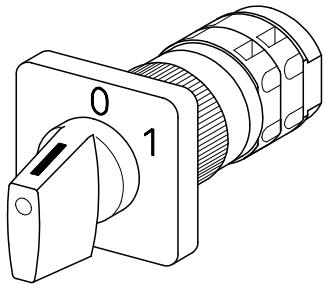
SMD modules for basic switch

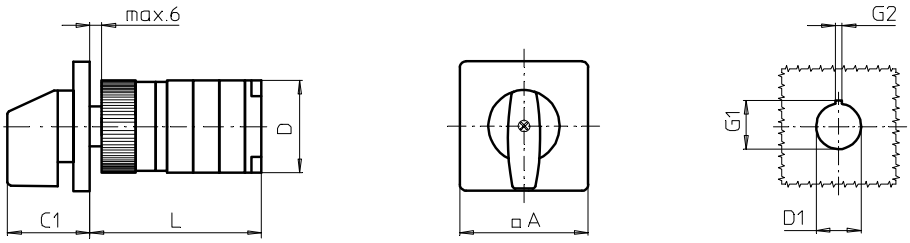
Mounting form module for 219V1/ 220V1	M200 / T200	**BFB2 - 219**
V-operator module 48 x 48 mm, mounting form 219V1 Escutcheon black, handle black		**2DV1 - 12**
V-operator module 48 x 48 mm, mounting form 220V1 Escutcheon black, handle black		**2DV1 - 99**
Legend plate silver, operator module 219V1/ 220V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	48	32	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	48	32	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	48	32	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Operator module of next size

Single hole mounting
ø 22,5 mm

214M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 214M1**
			25	11	7,5	**M225 - 61 ... - 214M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 214M1**

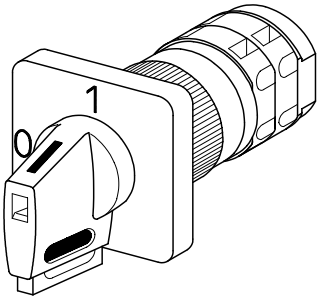
SMD modules for basic switch

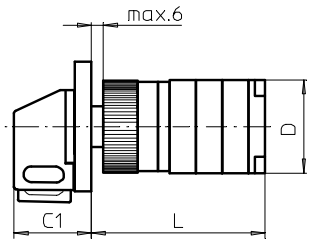
Mounting form module for 214M1	M200 / T200	**BFB2 - 219**
M-operator module 64 x 64 mm, mounting form 214M1 Escutcheon black, handle black		**2KM1**
Legend plate silver, operator module 214M1		**FAS4- ....** (FA number)

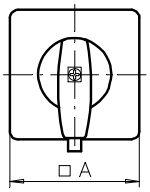
Dimensions (mm)

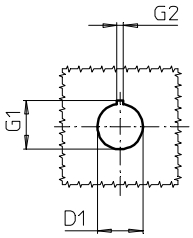
Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	64	39	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	64	39	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	64	39	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size

Single hole mounting
ø 22,5 mm

214V1 (IP66)
213V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 214V1** **M225 - 61 ... - 214V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 214V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 213V1** **M225 - 61 ... - 213V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 213V1**

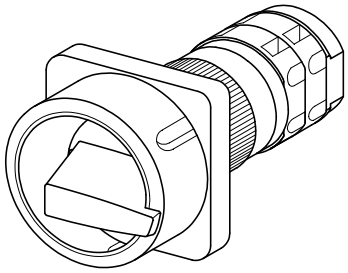
SMD modules for basic switch

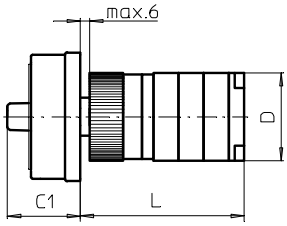
Mounting form module for 214V1/ 213V1	M200 / T200	**BFB2 - 219**
V-operator module 64 x 64 mm, mounting form 214V1 Escutcheon black, handle black		**2KV1 - 12**
V-operator module 64 x 64 mm, mounting form 213V1 Escutcheon black, handle black		**2KV1 - 99**
Legend plate silver, operator module 214V1/ 213V1		**FAS4 - ....** (FA number)

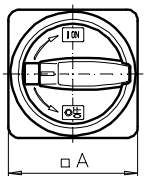
Dimensions (mm)

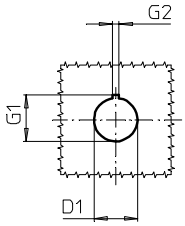
Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	64	39	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	64	39	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	64	39	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 22,5 mm

206M1 **(IP66)**
206M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 206M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 206M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 206M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 206M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 206M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 206M4**

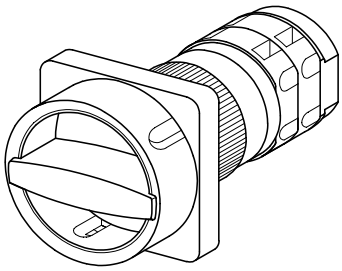
SMD modules for basic switch

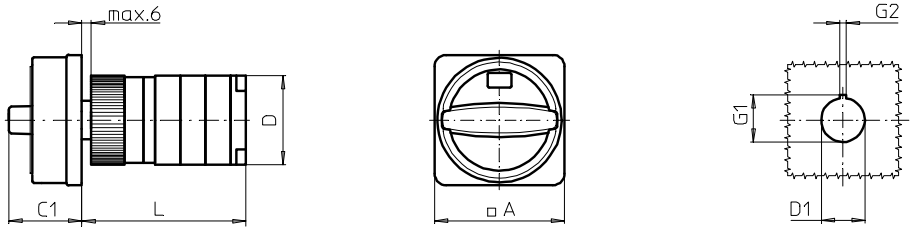
Mounting form module for 206M.	M200 / T200	**BFB2 - 219**
M-padlock device 67 x 67 mm, mounting form 206M1 Escutcheon black, padlockable handle black		**2FM1**
M-padlock device 67 x 67 mm, mounting form 206M4 Escutcheon yellow, padlockable handle red		**2FM4**

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	38	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	67	38	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	67	38	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	67	38	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 22,5 mm

206N1 **(IP66)**
206N4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 206N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 206N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 206N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 206N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 206N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 206N4**

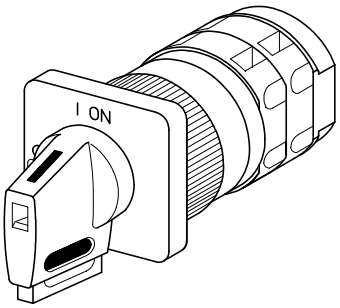
SMD modules for basic switch

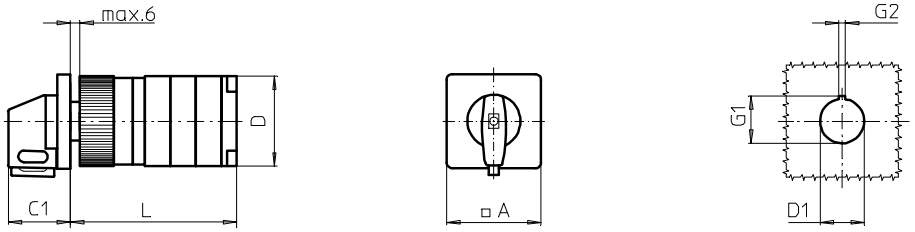
Mounting form module for 206N.	M200 / T200	**BFB2 - 219**
M-padlock device 67 x 67 mm, mounting form 206M1 Escutcheon black, padlockable handle black		**2FN1**
M-padlock device 67 x 67 mm, mounting form 206M4 Escutcheon yellow, padlockable handle red		**2FN4**

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	33	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	67	33	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	67	33	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	67	33	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 22,5 mm

206V1 (IP66)
206V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 206V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 206V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 206V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 206V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 206V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 206V4**

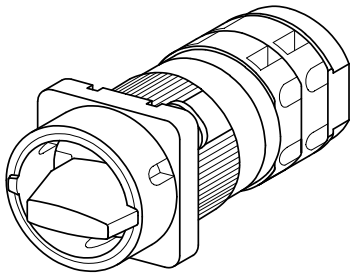
SMD modules for basic switch

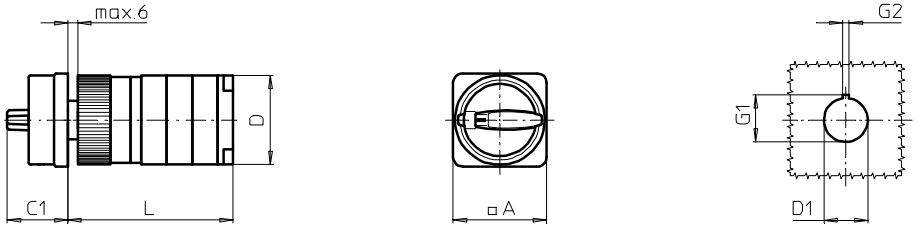
Mounting form module for 206V.	M200 / T200	**BFB2 - 219**
V-operator module 48 x 48 mm, mounting form 206V1 Escutcheon black, handle black		**2DV1 - 09**
Legend plate silver, operator module 206V1		**FAS2 - ....** (FA number)
V-operator module 48 x 48 mm, mounting form 206V4 Escutcheon black, handle red		**2DV4 - 09**
Legend plate yellow, operator module 206V4		**FBS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	48	32	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	48	32	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	48	32	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 22,5 mm

205M1 **(IP66)**
205M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 205M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 205M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 205M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 205M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 205M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 205M4**

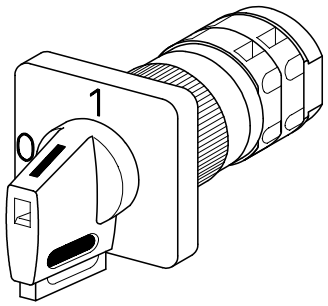
SMD modules for basic switch

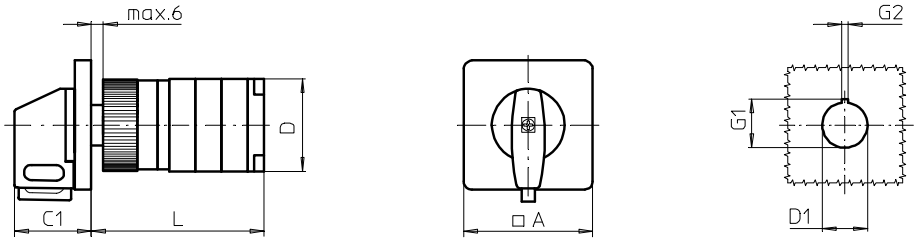
Mounting form module for 205M.	M200 / T200	**BFB2 - 219**
M-padlock device 48 x 48 mm, mounting form 205M1 Escutcheon black, padlockable handle black		**2EM1**
M-padlock device 48 x 48 mm, mounting form 205M4 Escutcheon yellow, padlockable handle red		**2EM4**

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	31	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	48	31	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	48	31	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	48	31	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Operator module of next size

Single hole mounting
ø 22,5 mm

226V1 **(IP66)**
226V4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 226V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 226V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 226V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 226V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 226V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 226V4**

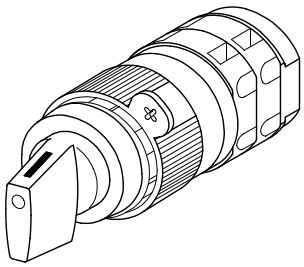
SMD modules for basic switch

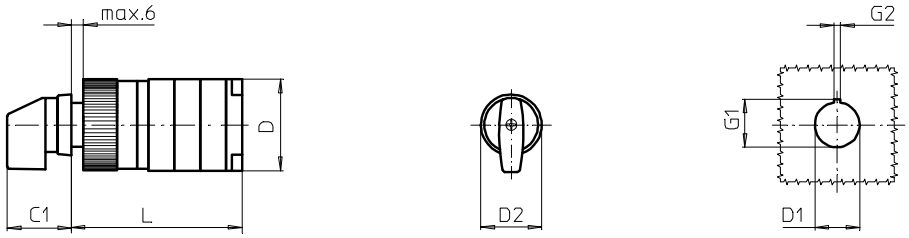
Mounting form module for 226V.	M200 / T200	**BFB2 - 219**
V-operator module 64 x 64 mm, mounting form 226V1 Escutcheon black, handle black		**2KV1 - 09**
Legend plate silver, operator module 226V1		**FAS4 - ....** (FA number)
V-operator module 64 x 64 mm, mounting form 226V4 Escutcheon black, handle red		**2KV4 - 09**
Legend plate yellow, operator module 226V4		**FBS4 - ....** (FA number)

Dimensions (mm)

							L with ... stages (max. 12)							each add.
Product lines	**A**	**C1**	**D**	**D1**	**G1**	**G2**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**stage**
M220	64	39	46	22,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	64	39	46	22,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	64	39	48	22,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	64	39	50	22,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
With front ring

Single hole mounting
ø 22,5 mm

218M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 218M1**
			25	11	7,5	**M225 - 61 ... - 218M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 218M1**

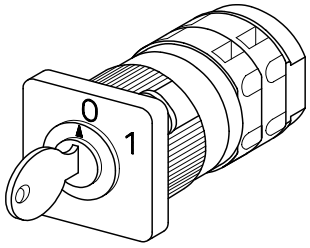
SMD modules for basic switch

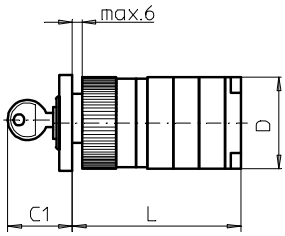
Mounting form module for 218M1	M200 / T200	**BFB2 - 219**
Front ring black ø 30,5 mm, M-handle black, mounting form 218M1 (Front ring without legend)		**2HM1**

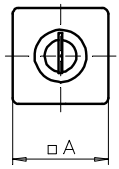
Dimensions (mm)

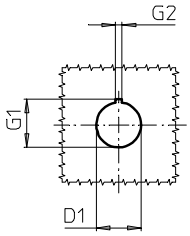
Product lines	C1	D	D1	D2	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	32	46	22,5	30,5	24,2	3,2	59	69	79	89	99	109	119	10
M221	32	46	22,5	30,5	24,2	3,2	62	75	88	101	114	127	140	13
M225	32	48	22,5	30,5	24,2	3,2	62	75	88	101	114	127	140	13
T225	32	50	22,5	30,5	24,2	3,2	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

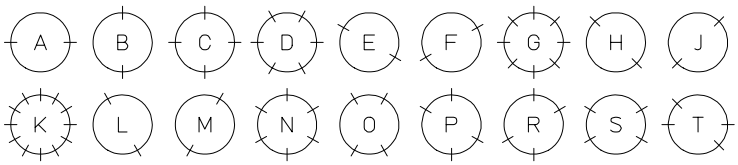
Front mounting switch
Key operated

Single hole mounting
ø 22,5 mm

S001. **(IP40)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 16	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - S001.** **M225 - 61 ... - S001.**
	1 ... 12	T200	32	15	11	**T225 - 61 ... - S001.**

The dot in the order code number of the complete mounting form/operator module must be replaced by the classification letter which identifies the key removable positions:



Lines indicate the key removable positions.

SMD modules for basic switch

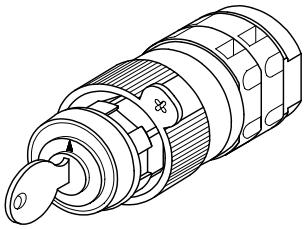
Mounting form module for S001.	M200 / T200	**BFA2 - S**
Operator module 48 x 48 mm, mounting form S001. Escutcheon black, Ronis lock C001, 2 keys		**2AS1-001.**
Legend plate silver, operator module S001.		**FAS2 - ....** (FA number)

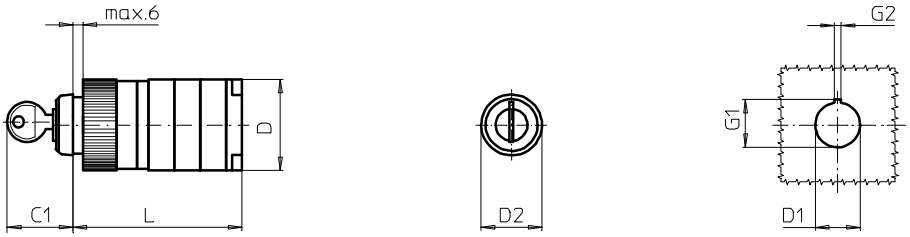
Further lock types and security lock on request.

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages 1	2	3	4	5	6	7	8
M220	48	33	46	22,5	24,2	3,2	59	69	79	89	99	109	119	129
M221	48	33	46	22,5	24,2	3,2	62	75	88	101	114	127	140	153
M225	48	33	48	22,5	24,2	3,2	62	75	88	101	114	127	140	153
T225	48	33	50	22,5	24,2	3,2	64	79	94	109	124	139	-	-

Front Mounting Switches





Product lines
M200 / T200

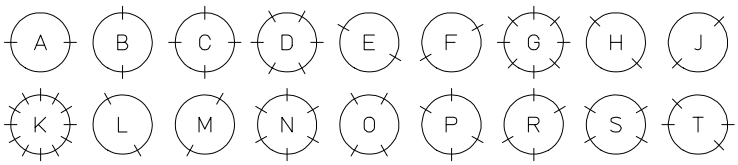
Front mounting switch
With front ring
Key operated

Single hole mounting
ø 22,5 mm

R001. **(IP40)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 16	M200	20	7,5	5,5	**M220 - 61 ... - R001.**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - R001.**
	1 ... 12	T200	32	15	11	**T225 - 61 ... - R001.**

The dot in the order code number of the complete mounting form/operator module must be replaced by the classification letter which identifies the key removable positions:



Lines indicate the key removable positions.

SMD modules for basic switch

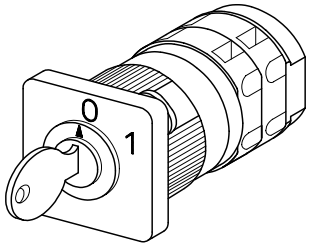
Mounting form module for R001.	M200 / T200	**BFA2 - S**
Front ring black ø 30,5 mm, mounting form R001. Ronis lock C001, 2 keys (Front ring without legend)		**2BS1-001.**

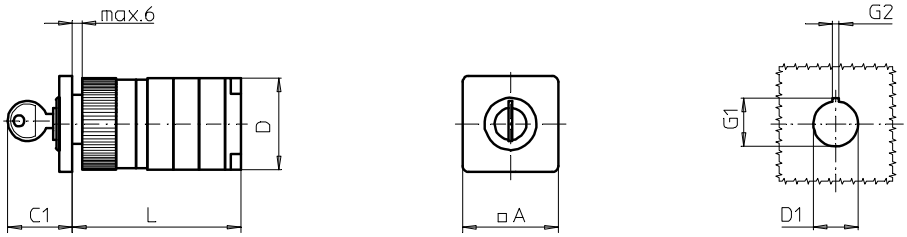
Further lock types and security lock on request.

Dimensions (mm)

Product lines	C1	D	D1	D2	G1	G2	L with ... stages 1	2	3	4	5	6	7	8
M220	33	46	22,5	30,5	24,2	3,2	59	69	79	89	99	109	119	129
M221	33	46	22,5	30,5	24,2	3,2	62	75	88	101	114	127	140	153
M225	33	48	22,5	30,5	24,2	3,2	62	75	88	101	114	127	140	153
T225	33	50	22,5	30,5	24,2	3,2	64	79	94	109	124	139	-	-

Front Mounting Switches





Product lines
M200 / T200

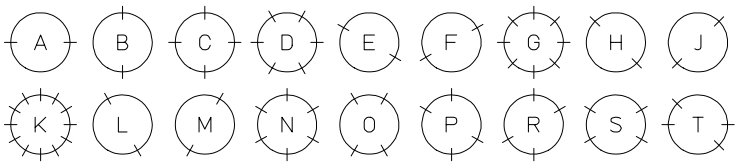
Front mounting switch
Key operated

Single hole mounting
ø 22,5 mm

T001. **(IP40)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 16	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - T001.** **M225 - 61 ... - T001.**
	1 ... 12	T200	32	15	11	**T225 - 61 ... - T001.**

The dot in the order code number of the complete mounting form/operator module must be replaced by the classification letter which identifies the key removable positions:



Lines indicate the key removable positions.

SMD modules for basic switch

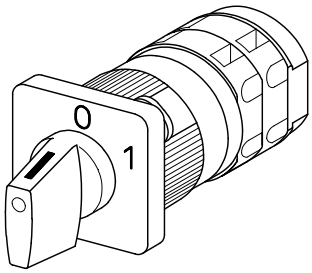
Mounting form module for T001.	M200 / T200	**BFA2 - S**
Operator module 64 x 64 mm, mounting form T001. Escutcheon black, Ronis lock C001, 2 keys		**4AS1-001.**
Legend plate silver, operator module T001.		**FAS4 - ....** (FA number)

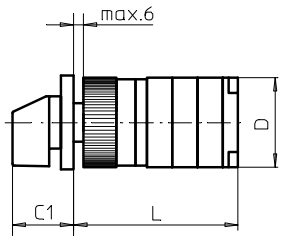
Further lock types and security lock on request.

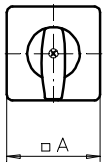
Dimensions (mm)

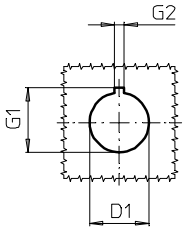
Product lines	A	C1	D	D1	G1	G2	L with ... stages 1	2	3	4	5	6	7	8
M220	64	33	46	22,5	24,2	3,2	59	69	79	89	99	109	119	129
M221	64	33	46	22,5	24,2	3,2	62	75	88	101	114	127	140	153
M225	64	33	48	22,5	24,2	3,2	62	75	88	101	114	127	140	153
T225	64	33	50	22,5	24,2	3,2	64	79	94	109	124	139	-	-

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 30,5 mm

209M1 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 209M1**
			25	11	7,5	**M225 - 61 ... - 209M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 209M1**

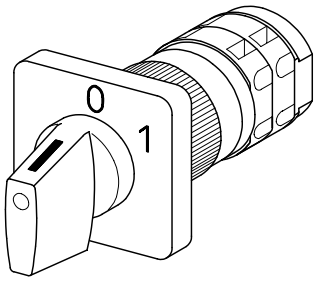
SMD modules for basic switch

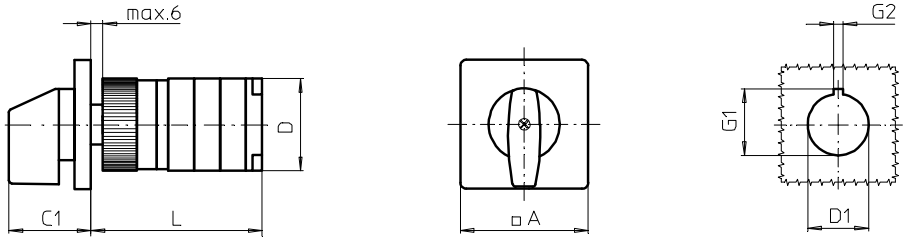
Mounting form module for 209M1	M200 / T200	**BFB2 - 219**
M-operator module 48 x 48 mm, mounting form 209M1 Escutcheon black, handle black		**2DM1 - 30**
Legend plate silver, operator module 209M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	48	32	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	48	32	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	48	32	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Operator module of next size

Single hole mounting
ø 30,5 mm

204M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 204M1**
			25	11	7,5	**M225 - 61 ... - 204M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 204M1**

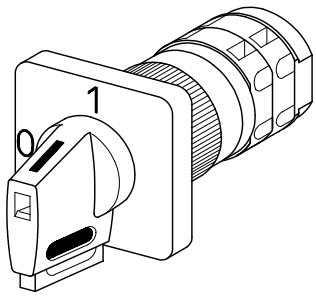
SMD modules for basic switch

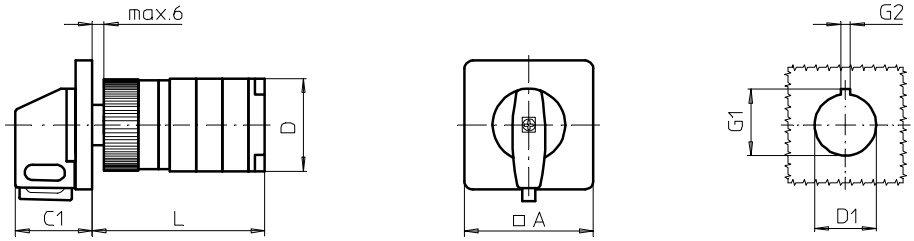
Mounting form module for 204M1	M200 / T200	**BFB2 - 219**
M-operator module 64 x 64 mm, mounting form 204M1 Escutcheon black, handle black		**2KM1 - 30**
Legend plate silver, operator module 204M1		**FAS4- ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	64	39	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	64	39	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	64	39	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Operator module of next size

Single hole mounting
ø 30,5 mm

204V1 **(IP66)**
203V1 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 204V1**
			25	11	7,5	**M225 - 61 ... - 204V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 204V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 203V1**
			25	11	7,5	**M225 - 61 ... - 203V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 203V1**

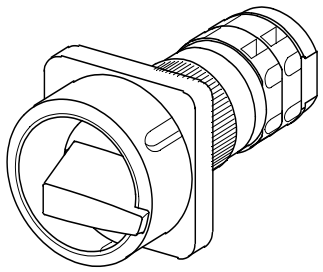
SMD modules for basic switch

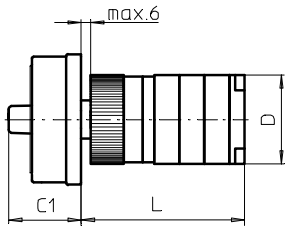
Mounting form module for 204V1/ 203V1	M200 / T200	**BFB2 - 219**
V-operator module 64 x 64 mm, mounting form 204V1 Escutcheon black, handle black		**2KV1 - 1230**
V-operator module 64 x 64 mm, mounting form 203V1 Escutcheon black, handle black		**2KV1 - 9930**
Legend plate silver, operator module 204V1/ 203V1		**FAS4 - ....** (FA number)

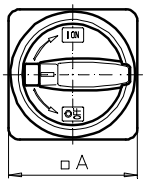
Dimensions (mm)

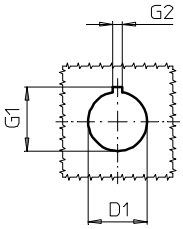
Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	64	39	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	64	39	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	64	39	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 30,5 mm

216M1 **(IP66)**
216M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 216M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 216M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 216M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 216M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 216M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 216M4**

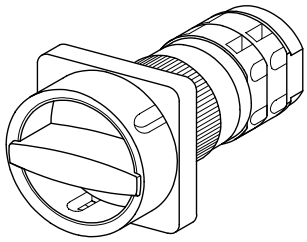
SMD modules for basic switch

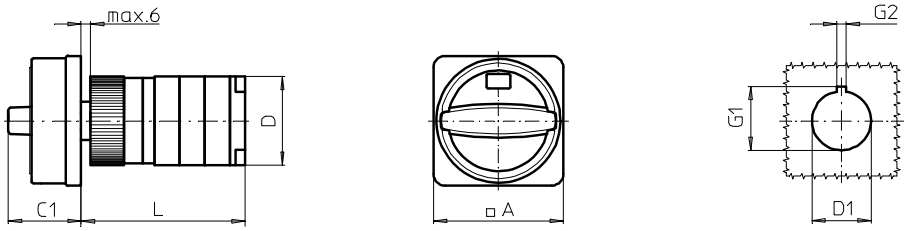
Mounting form module for 216M.	M200 / T200	**BFB2 - 219**
M-padlock device 67 x 67 mm, mounting form 216M1 Escutcheon black, padlockable handle black		**2FM1 - 30**
M-padlock device 67 x 67 mm, mounting form 216M4 Escutcheon yellow, padlockable handle red		**2FM4 - 30**

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	38	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	67	38	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	67	38	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	67	38	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 30,5 mm

216N1 (IP66)
216N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 216N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 216N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 216N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 216N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 216N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 216N4**

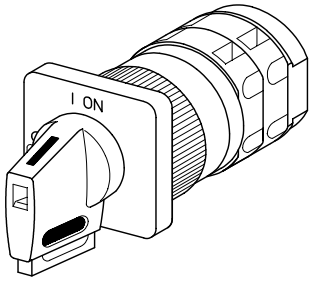
SMD modules for basic switch

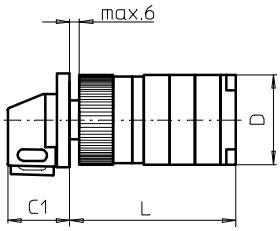
Mounting form module for 216N.	M200 / T200	**BFB2 - 219**
N-padlock device 67 x 67 mm, mounting form 216M1 Escutcheon black, padlockable handle black		**2FN1 - 30**
N-padlock device 67 x 67 mm, mounting form 216M4 Escutcheon yellow, padlockable handle red		**2FN4 - 30**

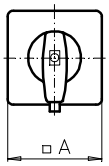
Dimensions (mm)

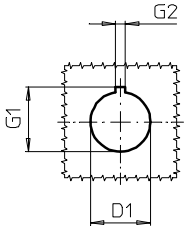
Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	67	33	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	67	33	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	67	33	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	67	33	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 30,5 mm

215V1 (IP66)
215V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 215V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 215V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 215V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 215V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 215V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 215V4**

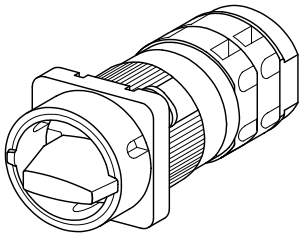
SMD modules for basic switch

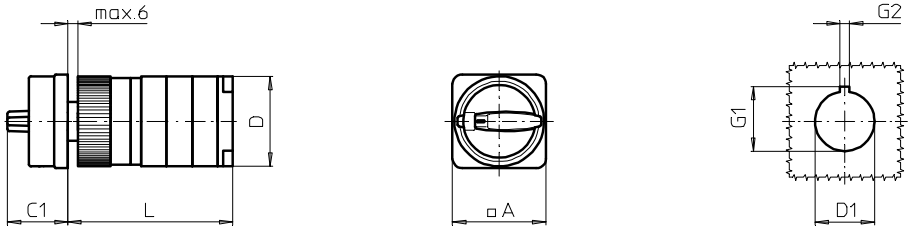
Mounting form module for 215V.	M200 / T200	**BFB2 - 219**
V-operator module 48 x 48 mm, mounting form 215V1 Escutcheon black, handle black		**2DV1 - 0930**
Legend plate silver, operator module 215V1		**FAS2 - ....** (FA number)
V-operator module 48 x 48 mm, mounting form 215V4 Escutcheon black, handle red		**2DV4 - 0930**
Legend plate yellow, operator module 215V4		**FBS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	48	32	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	48	32	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	48	32	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch

Single hole mounting
ø 30,5 mm

215M1 **(IP66)**
215M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 215M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 215M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 215M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 215M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 215M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 215M4**

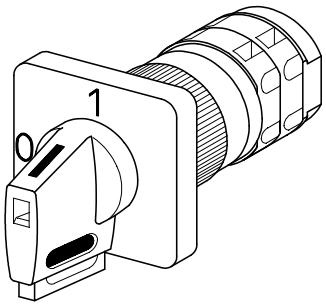
SMD modules for basic switch

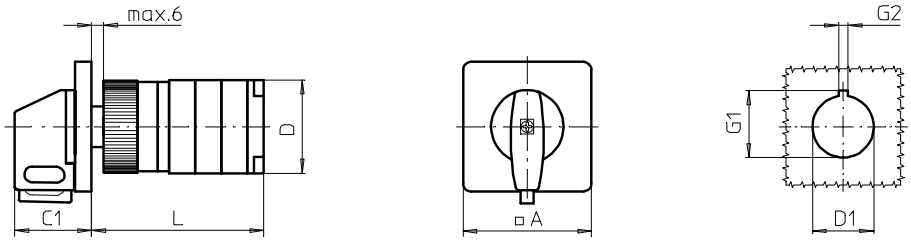
Mounting form module for 215M.	M200 / T200	**BFB2 - 219**
M-padlock device 48 x 48 mm, mounting form 215M1 Escutcheon black, padlockable handle black		**2EM1 - 30**
M-padlock device 48 x 48 mm, mounting form 215M4 Escutcheon yellow, padlockable handle red		**2EM4 - 30**

Dimensions (mm)

Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	31	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	48	31	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	48	31	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	48	31	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Operator module of next size

Single hole mounting
ø 30,5 mm

216V1 **(IP66)**
216V4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 216V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 216V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 216V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 216V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 216V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 216V4**

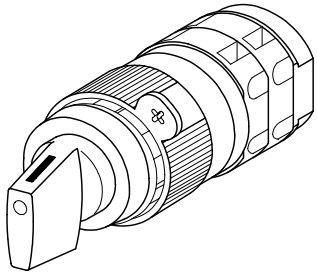
SMD modules for basic switch

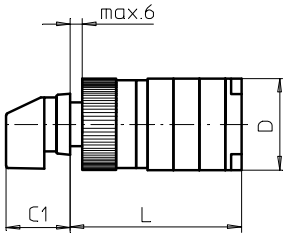
Mounting form module for 216V.	M200 / T200	**BFB2 - 219**
V-operator module 64 x 64 mm, mounting form 216V1 Escutcheon black, handle black		**2KV1 - 0930**
Legend plate silver, operator module 216V1		**FAS4 - ....** (FA number)
V-operator module 64 x 64 mm, mounting form 216V4 Escutcheon black, handle red		**2KV4 - 0930**
Legend plate yellow, operator module 216V4		**FBS4 - ....** (FA number)

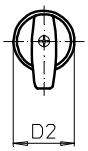
Dimensions (mm)

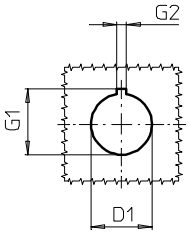
Product lines	A	C1	D	D1	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	30,5	33	4,8	59	69	79	89	99	109	119	10
M221	64	39	46	30,5	33	4,8	62	75	88	101	114	127	140	13
M225	64	39	48	30,5	33	4,8	62	75	88	101	114	127	140	13
T225	64	39	50	30,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Front ring

Single hole mounting
ø 30,5 mm

208M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 208M1**
			25	11	7,5	**M225 - 61 ... - 208M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 208M1**

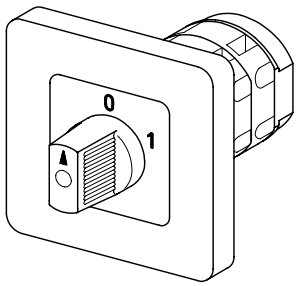
SMD modules for basic switch

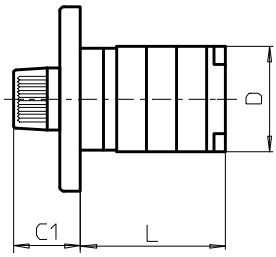
Mounting form module for 208M1	M200 / T200	**BFB2 - 219**
Frontring black ø 39,5 mm, M-handle black, mounting form 208M1 (Front ring without legend)		**2HM1 - 30**

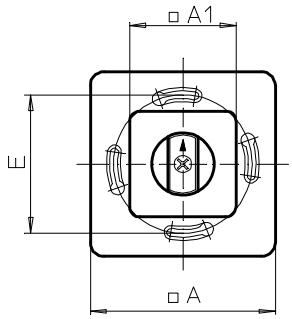
Dimensions (mm)

Product lines	C1	D	D1	D2	G1	G2	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	32	46	30,5	39,5	33	4,8	59	69	79	89	99	109	119	10
M221	32	46	30,5	39,5	33	4,8	62	75	88	101	114	127	140	13
M225	32	48	30,5	39,5	33	4,8	62	75	88	101	114	127	140	13
T225	32	50	30,5	39,5	33	4,8	64	79	94	109	124	139	154	15

Front Mounting Switches







Product line
M200

Front mounting switch

Wall mounting

025N3 (IP30)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 6	M200	20	7,5	5,5	**M220 - 61 ... - 025N3**
Switching angle 30°/45°/60°/90°	1 ... 2		25	11	7,5	**M225 - 61 ... - 025N3**

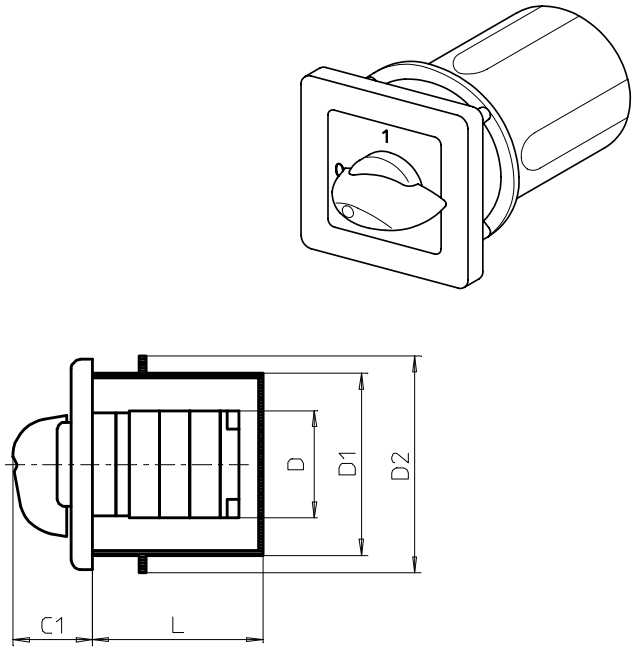
SMD modules for basic switch

Mounting form module for 025N3 Escutcheon white, N-handle white	M200	**BFA2 - 025N3**
Legend plate silver, mounting form module 025N3		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	A1	C1	D	E	L with ... stages 1	2	3
M220	80	46	31	46	60	36	46	56
M221	80	46	31	46	60	39	-	-
M225	80	46	31	48	60	39	-	-

Front Mounting Switches



Product lines M200 / T200

Front mounting switch
Operator module of next size

Wall mounting
With plaster depth box (special)

024B3 (IP30)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 12	M200	20	7,5	5,5	**M220 - 61 ... - 024B3**
Switching angle 30°/45°/60°/90°	1 ... 8		25	11	7,5	**M225 - 61 ... - 024B3**
	1 ... 8	T200	32	15	11	**T225 - 61 ... - 024B3**

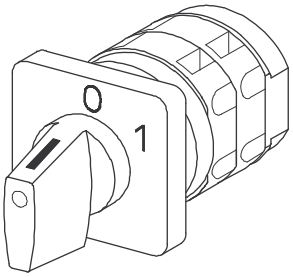
SMD modules for basic switch

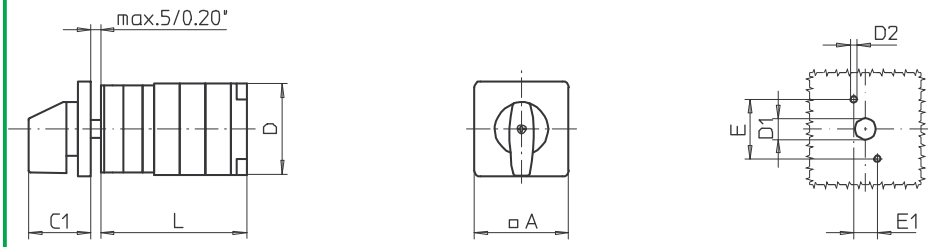
Mounting form module 024B3 Escutcheon white, B-handle white	M200 / T200	**BFA2 - 024B3**
Legend plate silver, mounting form module 024B3		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	A1	C1	D	D1	D2	L with ... stages 1	2	3	4	5	6
M220	90	61	38	46	78	93	97	97	97	97	97	97
M221	90	61	38	46	78	93	97	97	97	97	-	-
M225	90	61	38	48	78	93	97	97	97	97	-	-
T225	90	61	38	50	78	93	97	97	97	97	-	-

Front Mounting Switches





Product lines
M200/ T200

Front mounting switch

Two hole mounting
30 x 12,2 mm

M-operator module
48 x 48 mm

503M1 (IP66)

Complete switch	Poles	Product lines	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 503M1** **M225 - 61 ... - 503M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 503M1**

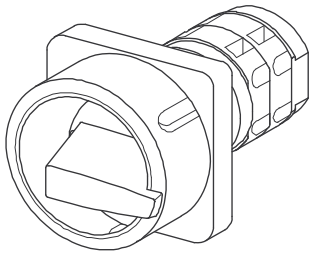
SMD modules for basic switch

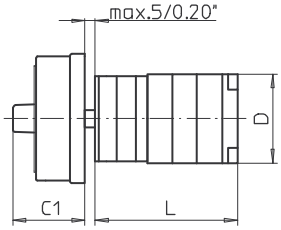
Mounting form module for 503M1	M200/ T200	**BFB2 - 503**
M-operator module 48 x 48 mm, mounting form 503M1 Escutcheon black, handle black		**2UM1**
Legend plate silver, operator module 503M1		**FAS2 - ....** (FA number)

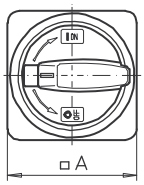
Dimensions (mm)

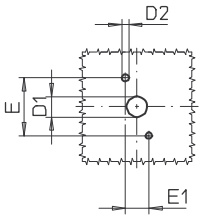
								L with ... stages (max. 12)						each add.
Type	**A**	**C1**	**D**	**D1**	**D2**	**E**	**E1**	**1**	**2**	**3**	**4**	**5**	**6**	**stage**
M220	48	32	46	12	3,5	30	12,2	46	56	66	76	86	96	10
M221	48	32	46	12	3,5	30	12,2	49	62	75	88	101	114	13
M225	48	32	48	12	3,5	30	12,2	49	62	75	88	101	114	13
T225	48	32	50	12	3,5	30	12,2	45	66	81	96	111	126	15

Front Mounting Switches









Product lines
M200/ T200

Front mounting switch

Two hole mounting
30 x 12,2 mm

M-padlock device
67 x 67 mm

133M1 (IP66)
133M4 (IP66)

Complete switch	Poles	Product lines	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 133M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 133M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 133M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 133M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 133M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 133M4**

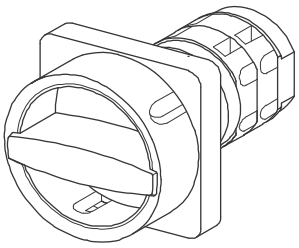
SMD modules for basic switch

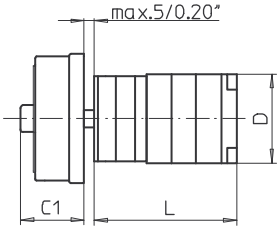
Mounting form module for 133M.	M200/ T200	**BFB2 - 133**
M-padlock device 67 x 67 mm, mounting form 133M1 Escutcheon black, padlockable handle black		**2VM1**
M-padlock device 67 x 67 mm, mounting form 133M4 Escutcheon yellow, padlockable handle red		**2VM4**

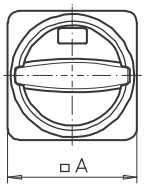
Dimensions (mm)

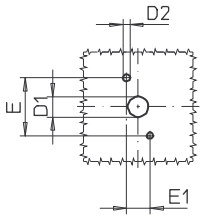
Type	A	C1	D	D1	D2	E	E1	L with ... stages (max. 12) 1	2	3	4	5	6	each add. stage
M220	67	38	46	12	3,5	30	12,2	46	56	66	76	86	96	10
M221	67	38	46	12	3,5	30	12,2	49	62	75	88	101	114	13
M225	67	38	48	12	3,5	30	12,2	49	62	75	88	101	114	13
T225	67	38	50	12	3,5	30	12,2	45	66	81	96	111	126	15

Front Mounting Switches









Product lines
M200/ T200

Front mounting switch

Two hole mounting
30 x 12,2 mm

N-padlock device
67 x 67 mm

133N1 (IP66)
133N4 (IP66)

Complete switch	Poles	Product lines	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 133N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 133N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 133N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 133N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 133N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 133N4**

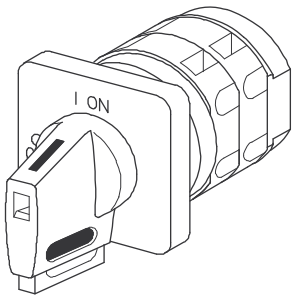
SMD modules for basic switch

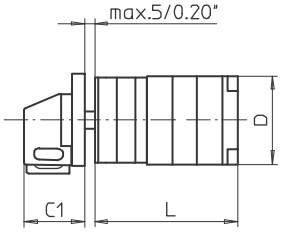
Mounting form module for 133N.	M200/ T200	**BFB2 - 133**
N-padlock device 67 x 67 mm, mounting form 133N1 Escutcheon black, padlockable handle black		**2VN1**
N-padlock device 67 x 67 mm, mounting form 133N4 Escutcheon yellow, padlockable handle red		**2VN4**

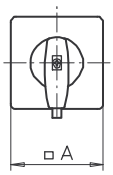
Dimensions (mm)

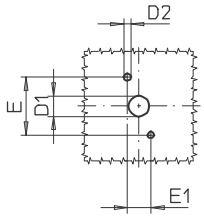
								L with ... stages (max. 12)						each add.
Type	**A**	**C1**	**D**	**D1**	**D2**	**E**	**E1**	**1**	**2**	**3**	**4**	**5**	**6**	**stage**
M220	67	33	46	12	3,5	30	12,2	46	56	66	76	86	96	10
M221	67	33	46	12	3,5	30	12,2	49	62	75	88	101	114	13
M225	67	33	48	12	3,5	30	12,2	49	62	75	88	101	114	13
T225	67	33	50	12	3,5	30	12,2	45	66	81	96	111	126	15

Front Mounting Switches









Product lines
M200/ T200

Front mounting switch

Two hole mounting
30 x 12,2 mm

V-operator module
48 x 48 mm

133V1 (IP66)
133V4 (IP66)

Complete switch	Poles	Product lines	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 133V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 133V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 133V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 133V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 133V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 133V4**

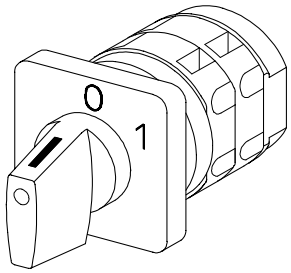
SMD modules for basic switch

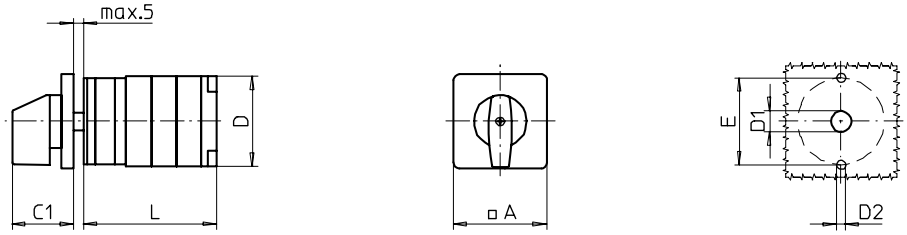
Mounting form module for 133V.	M200/ T200	**BFB2 - 503**
V-operator module 48 x 48 mm, mounting form 133V1 Escutcheon black, handle black		**2UV1 - 09**
Legend plate silver, operator module 133V1		**FAS2 - 9078**
V-operator module 48 x 48 mm, mounting form 133V4 Escutcheon black, handle red		**2UV4 - 09**
Legend plate yellow, operator module 133V4		**FBS2 - 9078**

Dimensions (mm)

Type	A	C1	D	D1	D2	E	E1	L with ... stages (max. 12) 1	2	3	4	5	6	each add. stage
M220	48	32	46	12	3,5	30	12,2	46	56	66	76	86	96	10
M221	48	32	46	12	3,5	30	12,2	49	62	75	88	101	114	13
M225	48	32	48	12	3,5	30	12,2	49	62	75	88	101	114	13
T225	48	32	50	12	3,5	30	12,2	45	66	81	96	111	126	15

Front Mounting Switches





Product lines
M200 / T200

Front mounting switch
Escutcheon 48 x 48 mm

Two hole mounting
ø 31 mm

140M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 140M1**
			25	11	7,5	**M225 - 61 ... - 140M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 140M1**

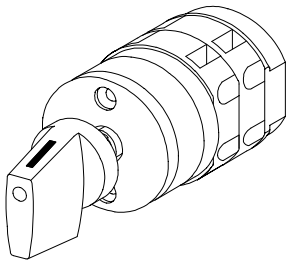
SMD modules for basic switch

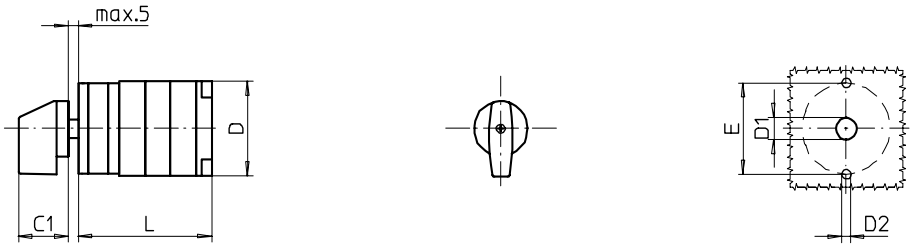
Mounting form module for 140M1	M200 / T200	**BFA2 - 140**
M-operator module 48x48 mm, mounting form 140M1		**2QM1**
Legend plate silver, operator module 140M1		**FAS2-....**

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	31	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	31	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	31	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	31	45	60	75	90	105	120	135	15

Front Mounting Switches





Product lines M200 / T200

Front mounting switch
Without escutcheon

Two hole mounting
ø 31 mm

141M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 141M1**
			25	11	7,5	**M225 - 61 ... - 141M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 141M1**

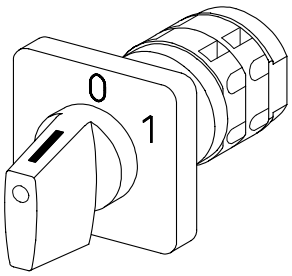
SMD modules for basic switch

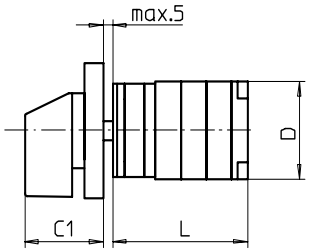
Mounting form module for 141M1 (Shaft shortened by 5 mm)	M200 / T200	**BFA2 - 141**
M-handle black, mounting form 141M1 (Without escutcheon/without legend plate)		**2XM1**

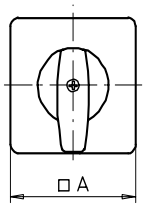
Dimensions (mm)

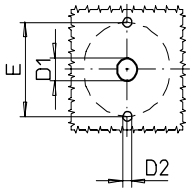
Product lines	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	25	46	12	4,5	31	40	50	60	70	80	90	100	10
M221	25	46	12	4,5	31	43	56	69	82	95	108	121	13
M225	25	48	12	4,5	31	43	56	69	82	95	108	121	13
T225	25	50	12	4,5	31	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size
Escutcheon 64 x 64 mm

Two hole mounting
ø 31 mm

142M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 142M1**
			25	11	7,5	**M225 - 61 ... - 142M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 142M1**

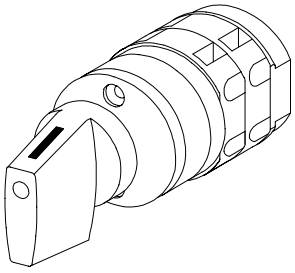
SMD modules for basic switch

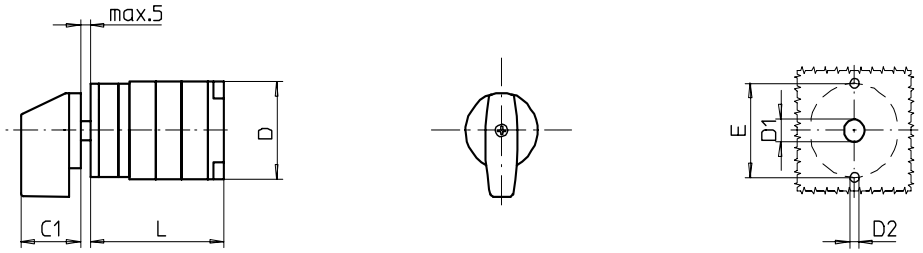
Mounting form module for 142M1	M200 / T200	**BFA2 - 142**
M-operator module 64 x 64 mm, mounting form 142M1		**4KM1**
Legend plate silver, operator module 142M1		**FAS4-....**

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	15	5	31	40	50	60	70	80	90	100	10
M221	64	39	46	15	5	31	43	56	69	82	95	108	121	13
M225	64	39	48	15	5	31	43	56	69	82	95	108	121	13
T225	64	39	50	15	5	31	45	60	75	90	105	120	135	15

Front Mounting Switches





Product lines M200 / T200

Front mounting switch
Operator module of next size
Without escutcheon

Two hole mounting
ø 31 mm

143M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 143M1**
			25	11	7,5	**M225 - 61 ... - 143M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 143M1**

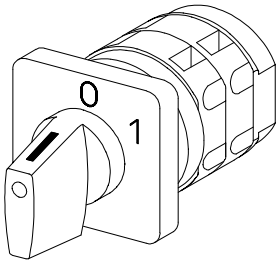
SMD modules for basic switch

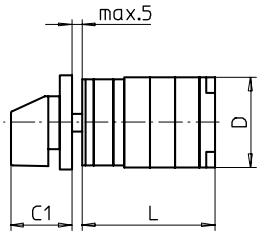
Mounting form module for 143M1 (Shaft shortened by 5 mm)	M200 / T200	**BFA2 - 143**
M-handle black, mounting form 143M1 (Without escutcheon/without legend plate)		**4XM1**

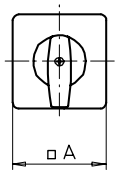
Dimensions (mm)

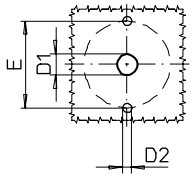
Product lines	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	30	46	12	4,5	31	40	50	60	70	80	90	100	10
M221	30	46	12	4,5	31	43	56	69	82	95	108	121	13
M225	30	48	12	4,5	31	43	56	69	82	95	108	121	13
T225	30	50	12	4,5	31	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
With escutcheon 48 x 48 mm

Two hole mounting
ø 31 mm

Hexagon steel shaft

144M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 144M1**
			25	11	7,5	**M225 - 61 ... - 144M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 144M1**

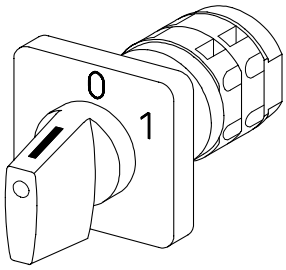
SMD modules for basic switch

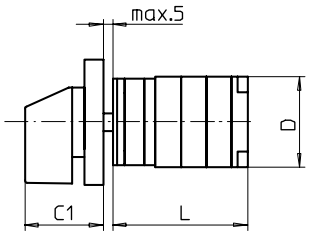
Mounting form module for 144M1	M200 / T200	**BFA2 - 144**
M-operator module 48x48 mm, mounting form 144M1		**2RM1**
Legend plate silver, operator module 144M1		**FAS2-....**

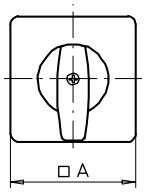
Dimensions (mm)

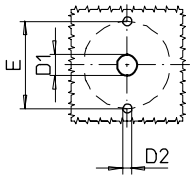
Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	31	40	50	60	70	80	90	100	10
M221	48	32	46	12	4,5	31	43	56	69	82	95	108	121	13
M225	48	32	48	12	4,5	31	43	56	69	82	95	108	121	13
T225	48	32	50	12	4,5	31	45	60	75	90	105	120	135	15

Front Mounting Switches









Product lines
M200 / T200

Front mounting switch
Operator module of next size
Escutcheon 64 x 64 mm

Two hole mounting
ø 31 mm

Hexagon steel shaft

145M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 145M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 145M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 145M1**

SMD modules for basic switch

Mounting form module for 145M1	M200 / T200	**BFA2 - 145**
M-operator module 64 x 64 mm, mounting form 145M1		**4LM1**
Legend plate silver, operator module 145M1		**FAS4-....**

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	15	5	31	40	50	60	70	80	90	100	10
M221	64	39	46	15	5	31	43	56	69	82	95	108	121	13
M225	64	39	48	15	5	31	43	56	69	82	95	108	121	13
T225	64	39	50	15	5	31	45	60	75	90	105	120	135	15

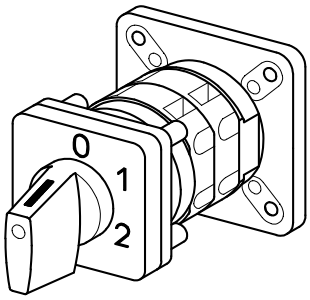
SMD Sälzer Modular Design

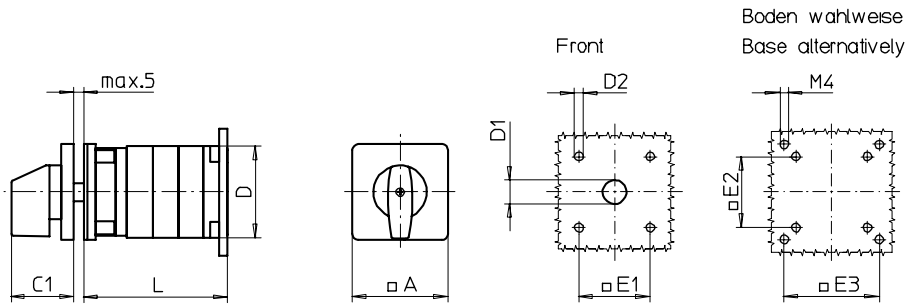
Section B

	Page from	to
Base / front mounting	**B1-1**	**B1-13**
Door clutch with modular shaft extension Four hole front mounting	**B2-1**	**B2-23**
Door interlock with modular shaft extension Four hole front mounting N/PE connection links	**B3-1**	**B3-23**

Originator: Sälzer Electric GmbH · Product Data Management (PDM) · 09306 Rochlitz (Germany)
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Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Base/front mounting

Four hole mounting
36 x 36 mm front

002M1 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 002M1** **M225 - 61 ... - 002M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 002M1**

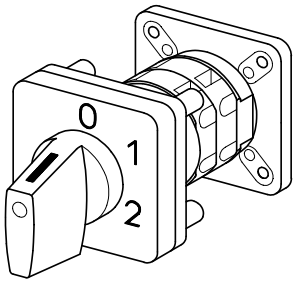
SMD modules for basic switch

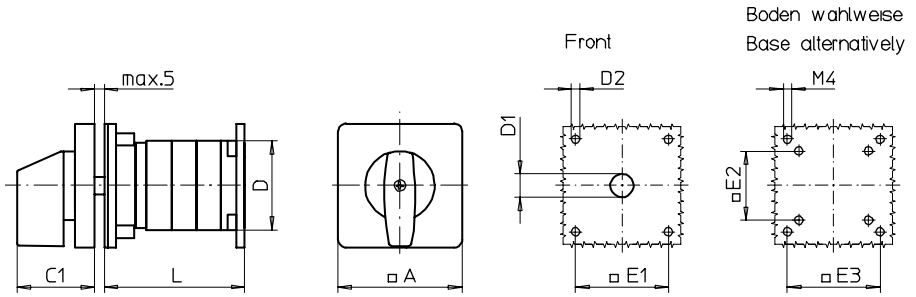
Mounting form module for 002M1	M200 / T200	**BFA2 - 002**
M-operator module 48 x 48 mm, mounting form 002M1 Escutcheon black, handle black		**2AM1**
Legend plate silver, operator module 002M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E1	E2	E3	L with ... stages (max. 12) 1	2	3	4	5	each add. stage
M220	48	32	46	12	4,5	36	36	48	44	54	64	74	84	10
M221	48	32	46	12	4,5	36	36	48	47	60	73	86	99	13
M225	48	32	48	12	4,5	36	36	48	47	60	73	86	99	13
T225	48	32	50	12	4,5	36	36	48	49	64	79	94	109	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Base/front mounting

Four hole mounting
48 x 48 mm front

012M1 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 012M1** **M225 - 61 ... - 012M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 012M1**

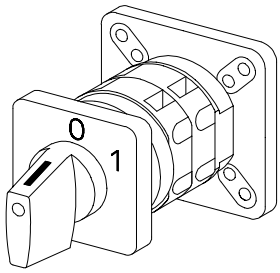
SMD modules for basic switch

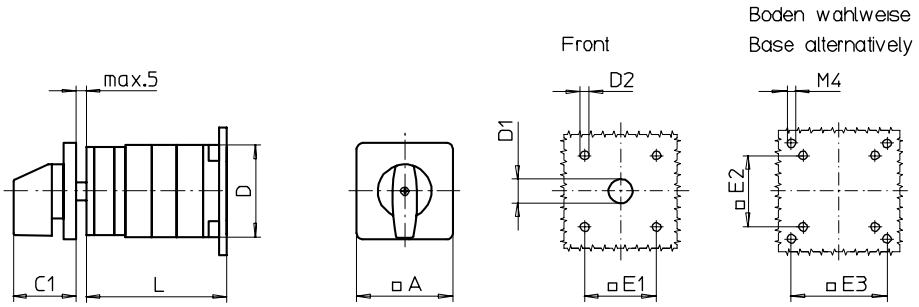
Mounting form module for 012M1	M200 / T200	**BFA2 - 012**
M-operator module 64 x 64 mm, mounting form 012M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 022M1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E1	E2	E3	L with ... stages (max. 12) 1	2	3	4	5	each add. stage
M220	48	32	46	12	4,5	48	36	48	44	54	64	74	84	10
M221	48	32	46	12	4,5	48	36	48	47	60	73	86	99	13
M225	48	32	48	12	4,5	48	36	48	47	60	73	86	99	13
T225	48	32	50	12	4,5	48	36	48	49	64	79	94	109	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Base mounting
Four hole mounting
36 x 36 mm / 48 x 48 mm

M-operator module
Escutcheon 48 x 48 mm

155M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 155M1**
			25	11	7,5	**M225 - 61 ... - 155M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 155M1**

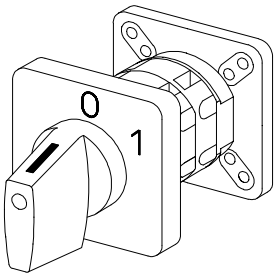
SMD modules for basic switch

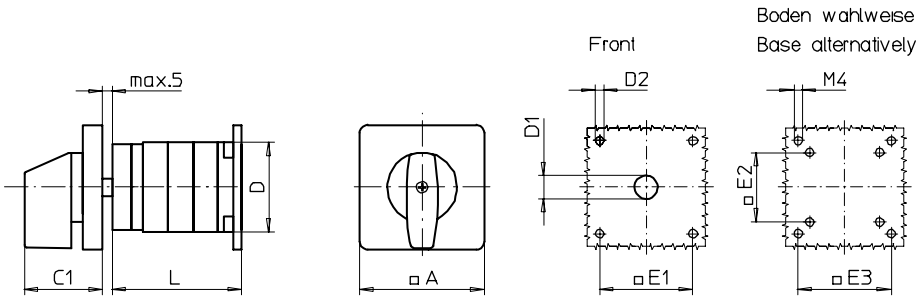
Mounting form module for 155M1	M200 / T200	**BFA2 - 155**
M-operator module 48 x 48 mm, mounting form 155M1 Escutcheon black, handle black		**2AM1**
Legend plate silver, operator module 155M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E1	E2	E3	L with ... stages (max. 12) 1	2	3	4	5	each add. stage
M220	48	32	46	12	4,5	36	36	48	42	52	62	72	82	10
M221	48	32	46	12	4,5	36	36	48	45	58	71	84	97	13
M225	48	32	48	12	4,5	36	36	48	45	58	71	84	97	13
T225	48	32	50	12	4,5	36	36	48	47	62	77	92	107	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch
Operator module of next size

Base mounting
Four hole mounting
36 x 36 mm / 48 x 48 mm

M-operator module
Escutcheon 64 x 64 mm

156M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 156M1** **M225 - 61 ... - 156M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 156M1**

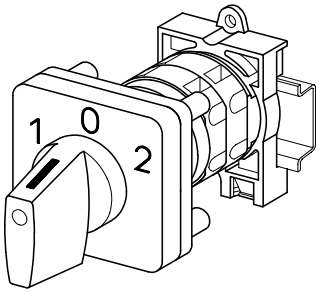
SMD modules for basic switch

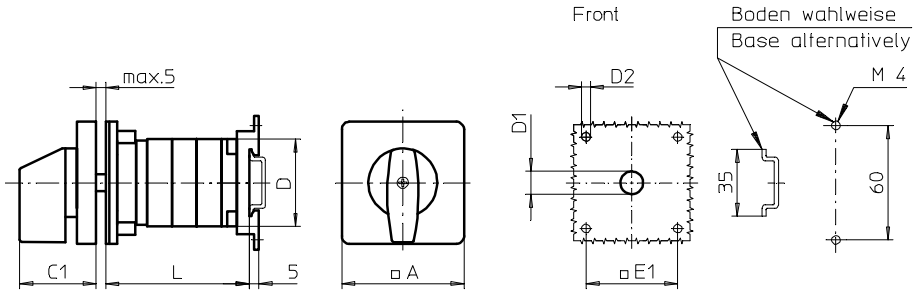
Mounting form module for 156M1	M200 / T200	**BFA2 - 156**
M-operator module 64 x 64 mm, mounting form 156M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 156M1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E1	E2	E3	L with ... stages (max. 12) 1	2	3	4	5	each add. stage
M220	64	39	46	12	4,5	48	36	48	42	52	62	72	82	10
M221	64	39	46	12	4,5	48	36	48	45	58	71	84	97	13
M225	64	39	48	12	4,5	48	36	48	45	58	71	84	97	13
T225	64	39	50	12	4,5	48	36	48	47	62	77	92	107	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

Four hole mounting
48 x 48 mm front

022M1 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 022M1** **M225 - 61 ... - 022M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 022M1**

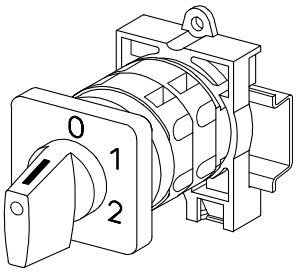
SMD modules for basic switch

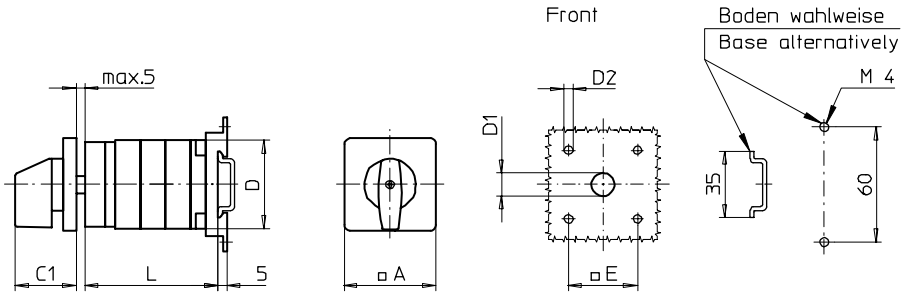
Mounting form module for 022M1	M200 / T200	**BFA2 - 022**
M-operator module 64 x 64 mm, mounting form 022M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 022M1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	15	5	48	43	53	63	73	83	93	103	10
M221	64	39	46	15	5	48	46	59	72	85	98	111	124	13
M225	64	39	48	15	5	48	46	59	72	85	98	111	124	13
T225	64	39	50	15	5	48	48	63	78	93	108	123	138	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

M-operator module
48 x 48 mm Escutcheon

157M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 157M1** **M225 - 61 ... - 157M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 157M1**

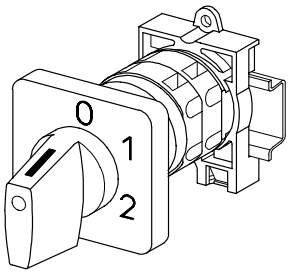
SMD modules for basic switch

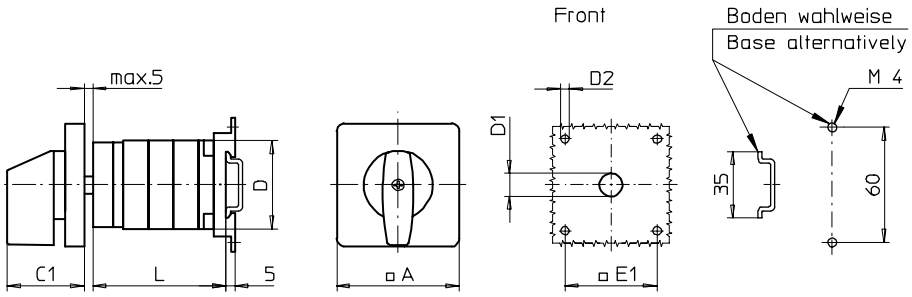
Mounting form module for 157M1	M200 / T200	**BFA2 - 157**
M-operator module 48 x 48 mm, mounting form 157M1 Escutcheon black, handle black		**2AM1**
Legend plate silver, operator module 157M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	48	32	46	12	4,5	36	41	51	61	71	81	91	101	10
M221	48	32	46	12	4,5	36	44	57	70	83	96	109	122	13
M225	48	32	48	12	4,5	36	44	57	70	83	96	109	122	13
T225	48	32	50	12	4,5	36	46	61	76	91	106	121	136	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch
Operator module of next size

Base/front mounting
Snap on mounting

M-operator module
Escutcheon 64 x 64 mm

158M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 158M1**
			25	11	7,5	**M225 - 61 ... - 158M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 158M1**

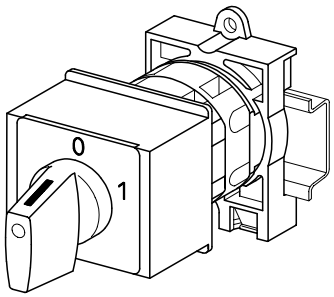
SMD modules for basic switch

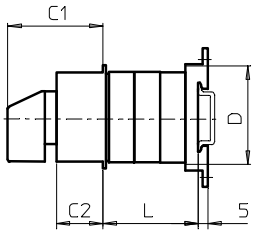
Mounting form module for 158M1	M200 / T200	**BFA2 - 158**
M-operator module 48 x 48 mm, mounting form 158M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 158M1		**FAS4 - ....** (FA number)

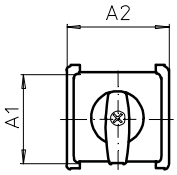
Dimensions (mm)

Product lines	A	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	64	39	46	12	4,5	48	41	51	61	71	81	91	101	10
M221	64	39	46	12	4,5	48	44	57	70	83	96	109	122	13
M225	64	39	48	12	4,5	48	44	57	70	83	96	109	122	13
T225	64	39	50	12	4,5	48	46	61	76	91	106	121	136	15

Base Mounting Switches









Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

DIN rail
with cover plate
45 mm aperture

026M1 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 026M1**
			25	11	7,5	**M225 - 61 ... - 026M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 026M1**

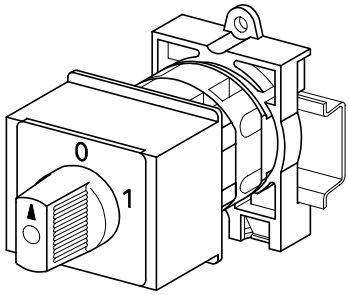
SMD modules for basic switch

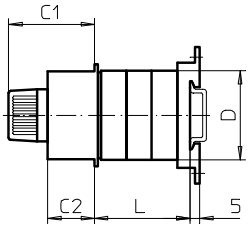
Mounting form/operator module grey With M-handle black, mounting form 026M1	M200 / T200	**BFC2 - 026M1**
Legend plate silver, mounting form/operator module 026M1		**FAV2 - ....** (FA number)

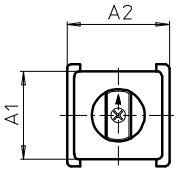
Dimensions (mm)

Product lines	A1	A2	C1	C2	D	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	45	52,5	50	24	46	25	35	45	55	65	75	85	10
M221	45	52,5	50	24	46	28	41	54	67	80	93	106	13
M225	45	52,5	50	24	48	28	41	54	67	80	93	106	13
T225	45	52,5	50	24	50	30	45	60	75	90	105	120	15

Base Mounting Switches









Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

DIN rail
with cover plate
45 mm aperture

026N2 (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 026N2** **M225 - 61 ... - 026N2**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 026N2**

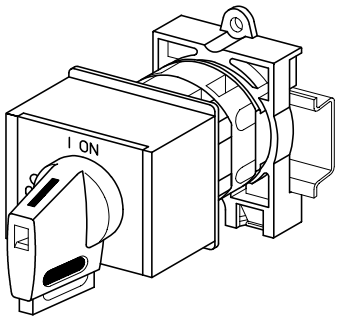
SMD modules for basic switch

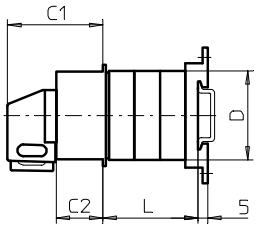
Mounting form/operator module grey with N-handle grey, mounting form 026N2	M200 / T200	**BFC2 - 026N2**
Legend plate silver, mounting form/operator module 026N2		**FAV2 - ....** (FA number)

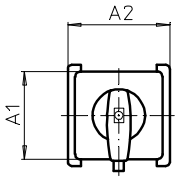
Dimensions (mm)

Product lines	A1	A2	C1	C2	D	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	45	52,5	45	24	46	25	35	45	55	65	75	85	10
M221	45	52,5	45	24	46	28	41	54	67	80	93	106	13
M225	45	52,5	45	24	48	28	41	54	67	80	93	106	13
T225	45	52,5	45	24	50	30	45	60	75	90	105	120	15

Base Mounting Switches









Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

DIN rail
with cover plate
45 mm aperture

026V1 **(IP40)**
026V4 **(IP40)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 026V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 026V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 026V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 026V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 026V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 026V4**

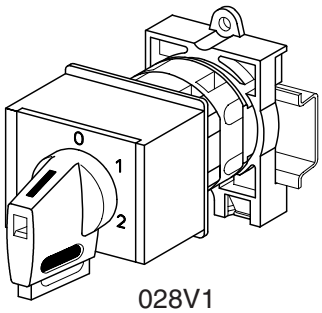
SMD modules for basic switch

Mounting form/operator module grey with V-handle black, mounting form 026V1	M200 / T200	**BFC2 - 026V1**
Legend plate silver, mounting form/operator module 026V1		**FAV2 - ....** (FA number)
Mounting form/operator module grey with V-handle red, mounting form 026V4		**BFC2 - 026V4**
Legend plate yellow, mounting form/operator module 026V4		**FBV2 - ....** (FA number)

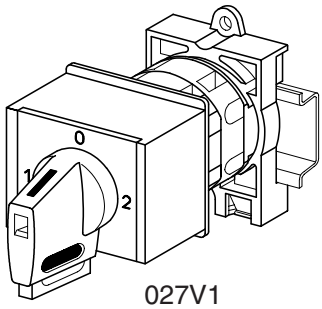
Dimensions (mm)

Product lines	A1	A2	C1	C2	D	L with ... stages (max. 12) 1	2	3	4	5	6	7	each add. stage
M220	45	52,5	50	24	46	25	35	45	55	65	75	85	10
M221	45	52,5	50	24	46	28	41	54	67	80	93	106	13
M225	45	52,5	50	24	48	28	41	54	67	80	93	106	13
T225	45	52,5	50	24	50	30	45	60	75	90	105	120	15

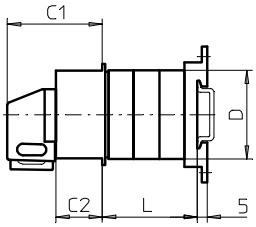
Base Mounting Switches

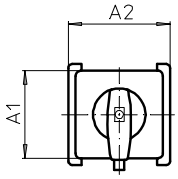


028V1



027V1







Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

DIN rail
with cover plate
45 mm aperture

028V1 **(IP40)**
027V1 **(IP40)**

Complete switch	**Poles**	**Product line**	**Rated data** (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	**Order code number**
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200 / T200	20	7,5	5,5	**M220 - 61 ... - 028V1**
			25	11	7,5	**M225 - 61 ... - 028V1**
			32	15	11	**T225 - 61 ... - 028V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200 / T200	20	7,5	5,5	**M220 - 61 ... - 027V1**
			25	11	7,5	**M225 - 61 ... - 027V1**
			32	15	11	**T225 - 61 ... - 027V1**

SMD modules for basic switch

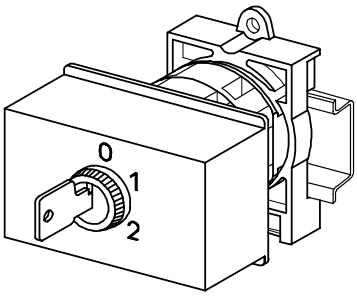
Mounting form/operator module grey with V-handle black, mounting form 028V1	M200 / T200	**BFB2 - 028V1**
Mounting form/operator module grey with V-handle black, mounting form 027V1		**BFB2 - 027V1**
		FAV2 - .... (FA number)

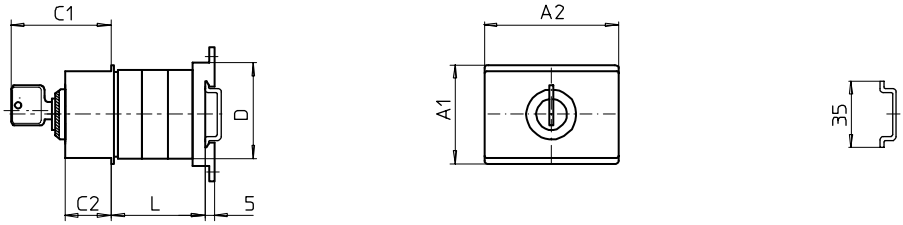
Legend plate silver, mounting form/operator module 026V1/ 027V1

Dimensions (mm)

Product lines	**A1**	**A2**	**C1**	**C2**	**D**	L with ... stages (max. 12) **1**	**2**	**3**	**4**	**5**	**6**	**7**	**each add. stage**
M220	45	52,5	50	24	46	25	35	45	55	65	75	85	10
M221	45	52,5	50	24	46	28	41	54	67	80	93	106	13
M225	45	52,5	50	24	48	28	41	54	67	80	93	106	13
T225	45	52,5	50	24	50	30	45	60	75	90	105	120	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Base/front mounting
Snap on mounting

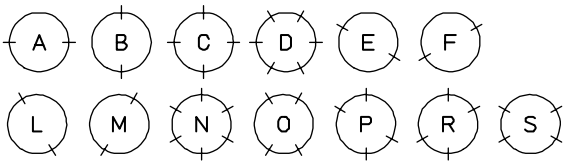
DIN rail
with cover plate
70x45 mm aperture

Key operated

V001. **(IP40)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 60°/90° (30°/45° upon request)	1 ... 16	M200	20	7,5	5,5	**M220 - 61 ... - V001.**
			25	11	7,5	**M225 - 61 ... - V001.**
	1 ... 12	T200	32	15	11	**T225 - 61 ... - V001.**

The dot in the order code number of the complete mounting form/operator module must be replaced by the classification letter which identifies the key removable positions:



Lines indicate the key removable positions.

SMD modules for basic switch

Mounting form module for V001.
With key operator and imprinted switching positions
Key lock DOM, key number 7 D1, 2 keys

Further lock types and security lock on request.

M200 / T200

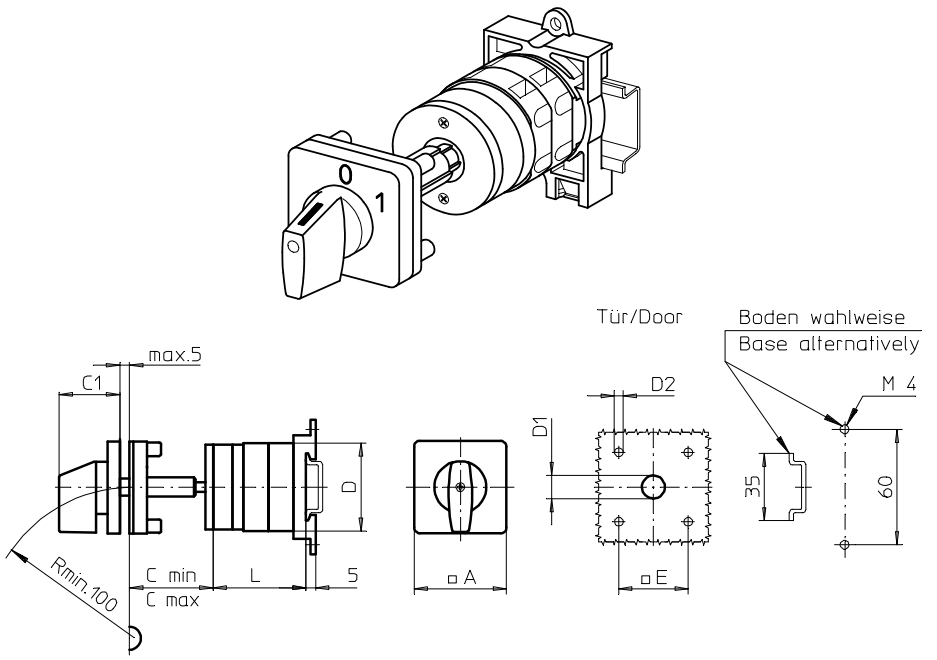
BFA2-V001.-.... (FA number)

Dimensions (mm)

L with ... stages (M200: max. 12 / T200: max. 6)

Product lines	A1	A2	C1	C2	D	1	2	3	4	5	6	7	8
M220	45	70	61	29	46	31	41	51	61	71	81	91	101
M221	45	70	61	29	46	34	47	60	73	86	93	106	119
M225	45	70	61	29	48	34	47	60	73	86	93	106	119
T225	45	70	61	29	50	36	51	66	81	96	111	-	-

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

241M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 241M1** **M225 - 61 ... - 241M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 241M1**

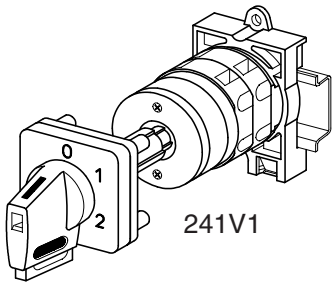
SMD modules for basic switch

Mounting form module for 241M1	M200 / T200	**BFB2 - 241**
M-operator module 48 x 48 mm, mounting form 241M1 Escutcheon black, handle black		**2AM1**
Legend plate silver, operator module 241M1		**FAS2 - ....** (FA number)

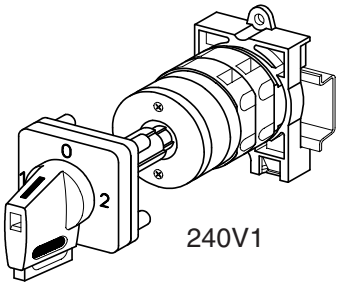
Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	59	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	59	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	59	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	59	32	50	12	4,5	36	42	57	72	87	15

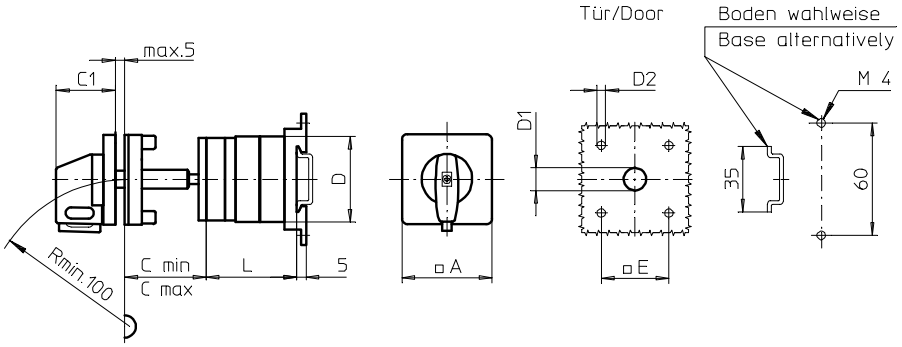
Base Mounting Switches



241V1



240V1



Product lines M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

241V1 (IP66)
240V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 241V1** **M225 - 61 ... - 241V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 241V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 240V1** **M225 - 61 ... - 240V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 240V1**

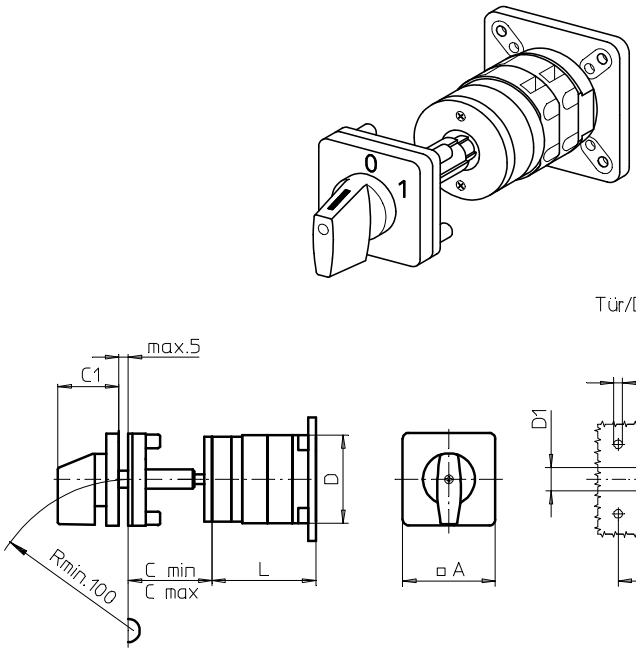
SMD modules for basic switch

Mounting form module for 241V1/ 240V1	M200 / T200	**BFB2 - 241**
V-operator module 48 x 48 mm, mounting form 241V1 Escutcheon black, handle black		**2AV1 - 12**
V-operator module 48 x 48 mm, mounting form 240V1 Escutcheon black, handle black		**2AV1 - 99**
Legend plate silver, operator module 241V1/ 240V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	59	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	59	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	59	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	59	32	50	12	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
48 x 48 mm base

041M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 041M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 041M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 041M1**

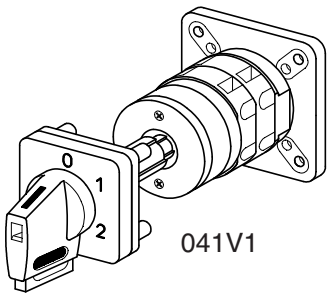
SMD modules for basic switch

Mounting form module for 041M1	M200 / T200	**BFB2 - 041**
M-operator module 48 x 48 mm, mounting form 041M1 Escutcheon black, handle black		**2AM1**
Legend plate silver, operator module 041M1		**FAS2 - ....** (FA number)

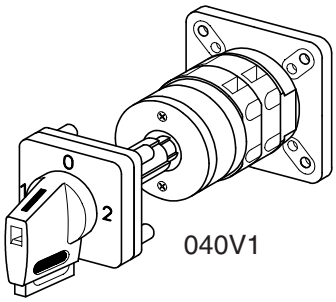
Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	59	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	59	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	59	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	59	32	50	12	4,5	36	48	43	58	73	15

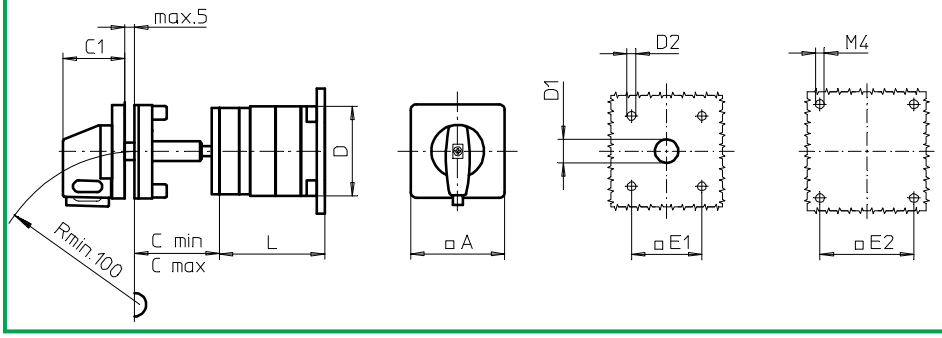
Base Mounting Switches



041V1



040V1



Product lines M200 / T200

Base mounting switch

Door clutch

Modular shaft extension

Four hole mounting

36 x 36 mm front

48 x 48 mm base

041V1 (IP66)

040V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 041V1** **M225 - 61 ... - 041V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 041V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 040V1** **M225 - 61 ... - 040V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 040V1**

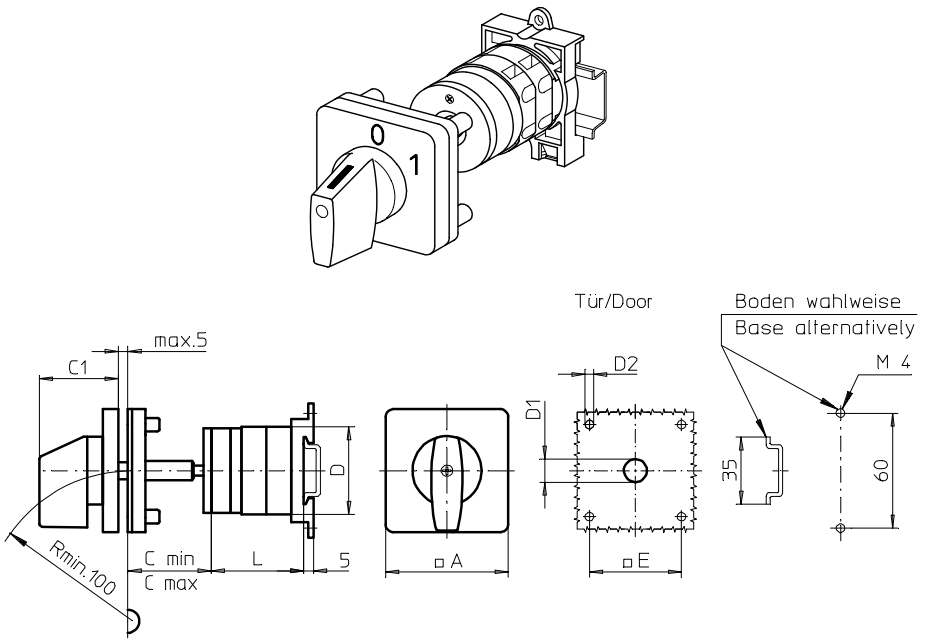
SMD modules for basic switch

Mounting form module for 041V1/ 040V1	M200 / T200	**BFB2 - 041**
V-operator module 48 x 48 mm, mounting form 041V1 Escutcheon black, handle black		**2AV1 - 12**
V-operator module 48 x 48 mm, mounting form 040V1 Escutcheon black, handle black		**2AV1 - 99**
Legend plate silver, operator module 041V1/ 040V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	59	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	59	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	59	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	59	32	50	12	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

247M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 247M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 247M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 247M1**

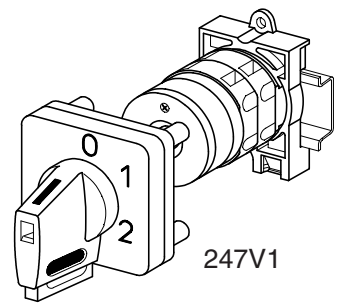
SMD modules for basic switch

Mounting form module for 247M1	M200 / T200	**BFC2 - 247**
M-operator module 64 x 64 mm, mounting form 247M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 247M1		**FAS4 - ....** (FA number)

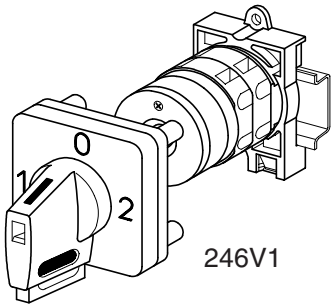
Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	64	42	59	39	46	15	5	48	37	47	57	67	10
M221	64	42	59	39	46	15	5	48	40	53	66	79	13
M225	64	42	59	39	48	15	5	48	40	53	66	79	13
T225	64	42	59	39	50	15	5	48	42	57	72	87	15

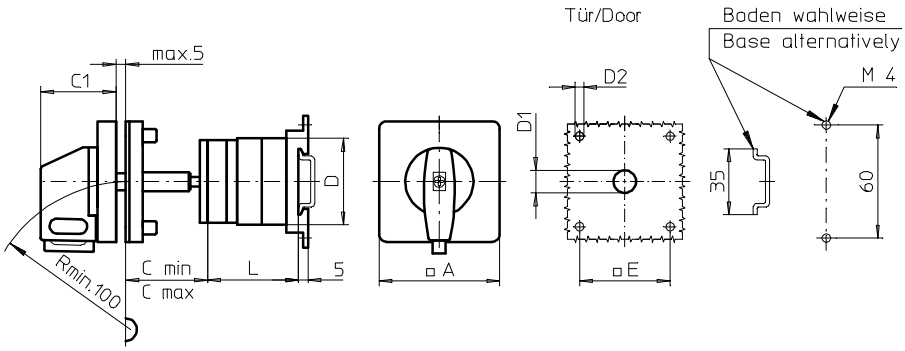
Base Mounting Switches



247V1



246V1



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

247V1 (IP66)
246V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 247V1** **M225 - 61 ... - 247V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 247V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 246V1** **M225 - 61 ... - 246V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 246V1**

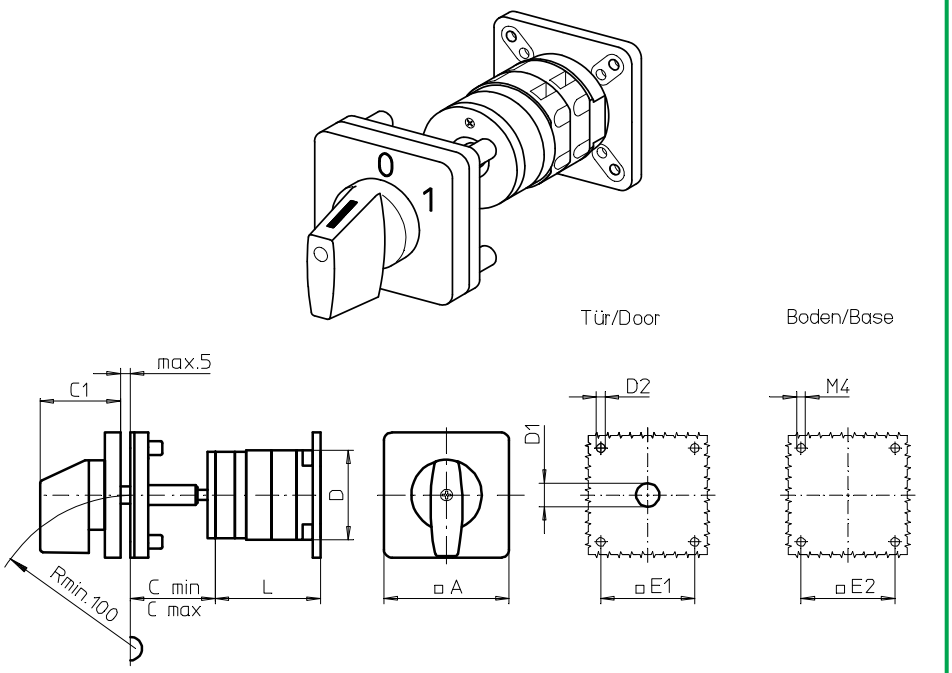
SMD modules for basic switch

Mounting form module for 247V1/ 246V1	M200 / T200	**BFC2 - 247**
V-operator module 64 x 64 mm, mounting form 247V1 Escutcheon black, handle black		**4AV1 - 12**
V-operator module 64 x 64 mm, mounting form 246V1 Escutcheon black, handle black		**4AV1 - 99**
Legend plate silver, operator module 247V1/ 246V1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	64	42	59	39	46	15	5	48	37	47	57	67	10
M221	64	42	59	39	46	15	5	48	40	53	66	79	13
M225	64	42	59	39	48	15	5	48	40	53	66	79	13
T225	64	42	59	39	50	15	5	48	42	57	72	87	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
48 x 48 mm base

047M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 047M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 047M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 047M1**

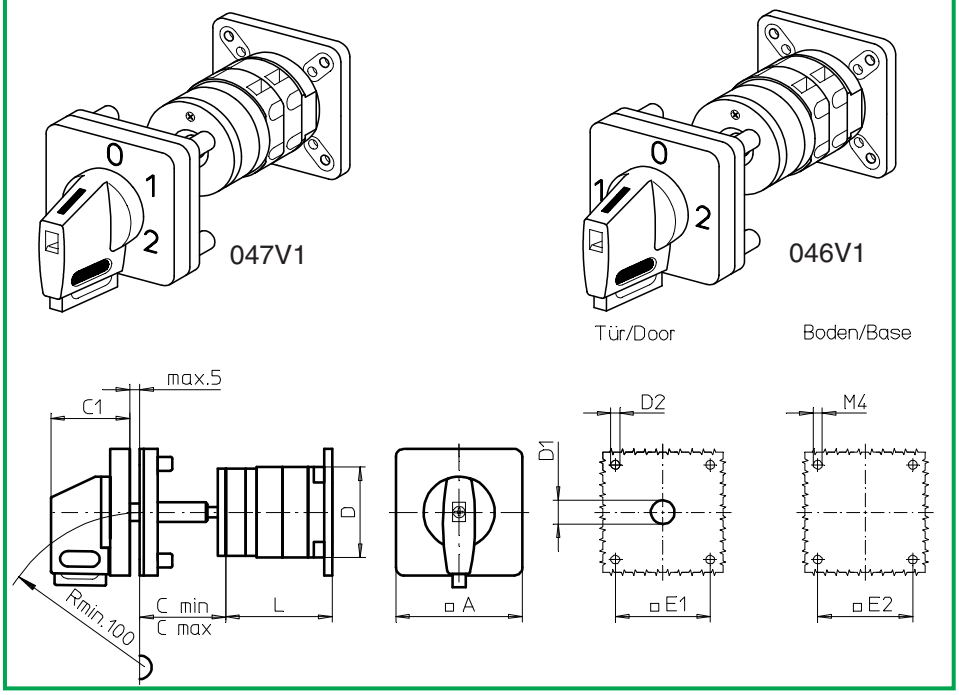
SMD modules for basic switch

Mounting form module for 047M1	M200 / T200	**BFC2 - 047**
M-operator module 64 x 64 mm, mounting form 047M1 Escutcheon black, handle black		**4AM1**
Legend plate silver, operator module 047M1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	64	42	59	39	46	15	5	48	48	38	48	58	10
M221	64	42	59	39	46	15	5	48	48	41	54	67	13
M225	64	42	59	39	48	15	5	48	48	41	54	67	13
T225	64	42	59	39	50	15	5	48	48	43	58	73	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
48 x 48 mm base

047V1 (IP66)
046V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 047V1**
			25	11	7,5	**M225 - 61 ... - 047V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 047V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 046V1**
			25	11	7,5	**M225 - 61 ... - 046V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 046V1**

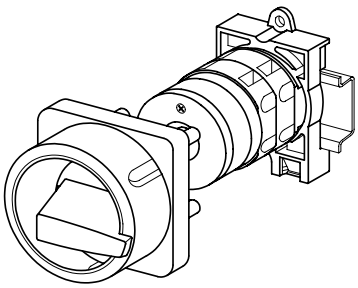
SMD modules for basic switch

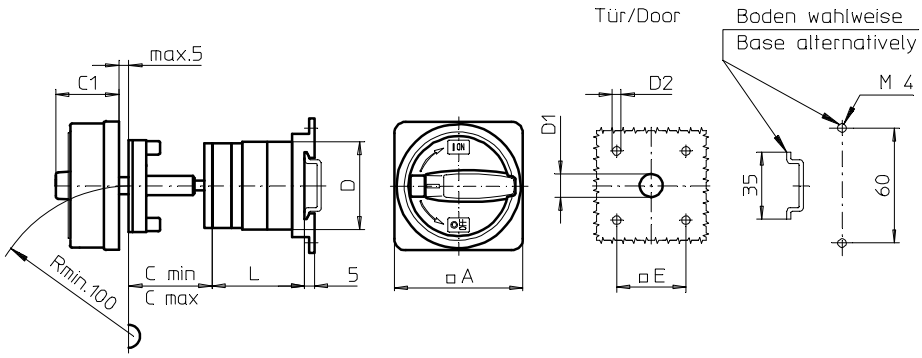
Mounting form module for 047V1/ 046V1	M200 / T200	**BFC2 -047**
V-operator module 64 x 64 mm, mounting form 047V1 Escutcheon black, handle black		**4AV1 - 12**
V-operator module 64 x 64 mm, mounting form 046V1 Escutcheon black, handle black		**4AV1 - 99**
Legend plate silver, operator module 047V1/ 046V1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	64	42	59	39	46	15	5	48	48	38	48	58	10
M221	64	42	59	39	46	15	5	48	48	41	54	67	13
M225	64	42	59	39	48	15	5	48	48	41	54	67	13
T225	64	42	59	39	50	15	5	48	48	43	58	73	15

Base Mounting Switches





Product lines M200 / T200

Base mounting switch

Door clutch

Modular shaft extension

Four hole mounting

36 x 36 mm front

Snap on mounting base plate

232M1 (IP66)

232M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 232M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 232M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 232M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 232M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 232M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 232M4**

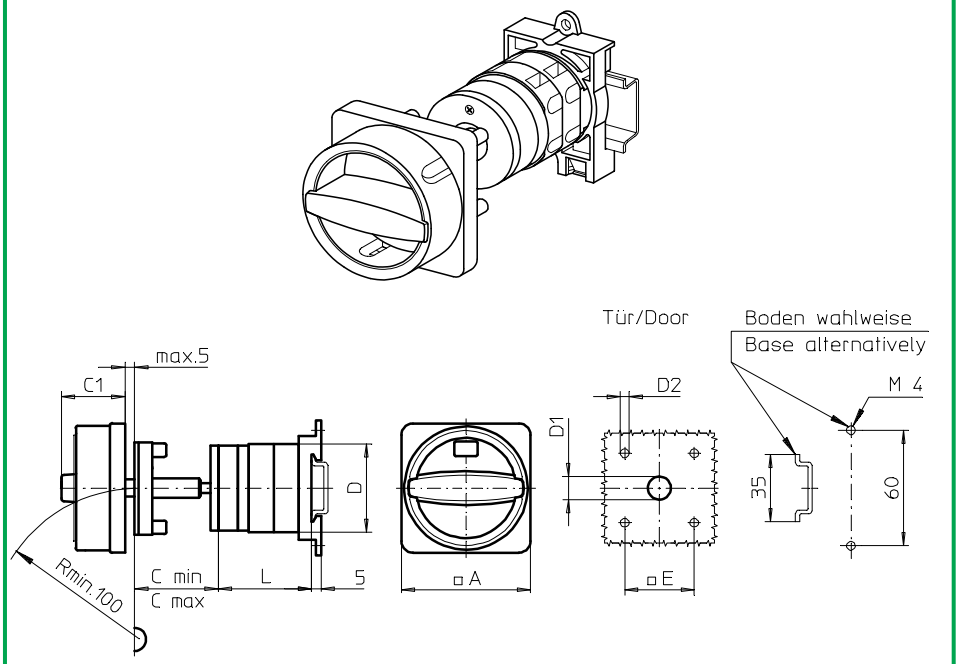
SMD modules for basic switch

Mounting form module for 232M.	M200 / T200	**BFC2 - 232**
M-padlock device 67 x 67 mm, mounting form 232M1 Escutcheon black, padlockable handle black		**2CM1**
M-padlock device 67 x 67 mm, mounting form 232M4 Escutcheon yellow, padlockable handle red		**2CM4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	59	38	46	15	4,5	36	37	47	57	67	10
M221	67	42	59	38	46	15	4,5	36	40	53	66	79	13
M225	67	42	59	38	48	15	4,5	36	40	53	66	79	13
T225	67	42	59	38	50	15	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

232N1 (IP66)
232N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 232N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 232N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 232N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 232N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 232N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 232N4**

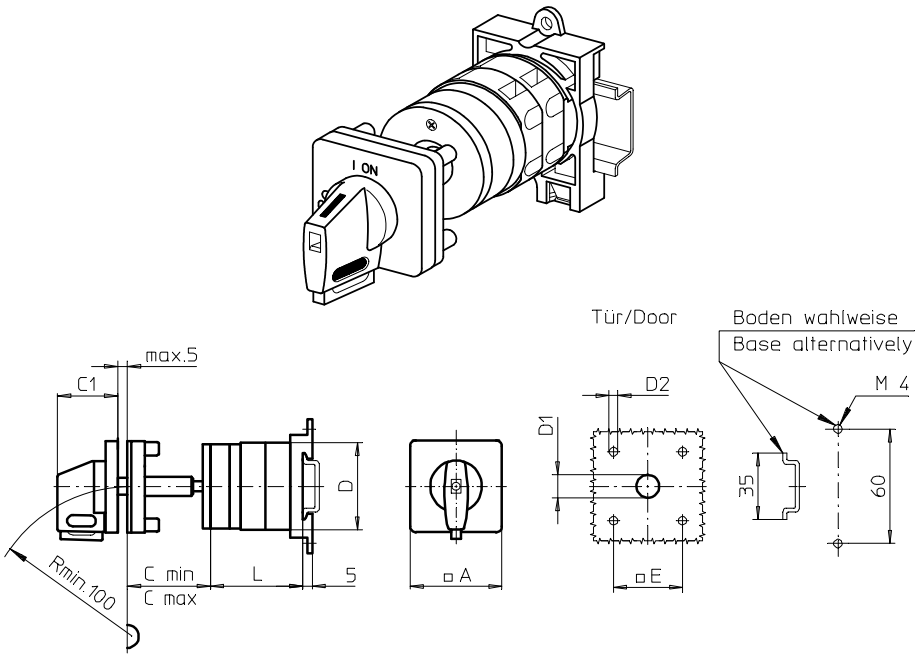
SMD modules for basic switch

Mounting form module for 232N.	M200 / T200	**BFC2 - 232**
N-padlock device 67 x 67 mm, mounting form 232N1 Escutcheon black, padlockable handle black		**2CN1**
N-padlock device 67 x 67 mm, mounting form 232N4 Escutcheon yellow, padlockable handle red		**2CN4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	59	33	46	15	4,5	36	37	47	57	67	10
M221	67	42	59	33	46	15	4,5	36	40	53	66	79	13
M225	67	42	59	33	48	15	4,5	36	40	53	66	79	13
T225	67	42	59	33	50	15	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

232V1 (IP66)
232V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 232V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 232V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 232V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 232V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 232V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 232V4**

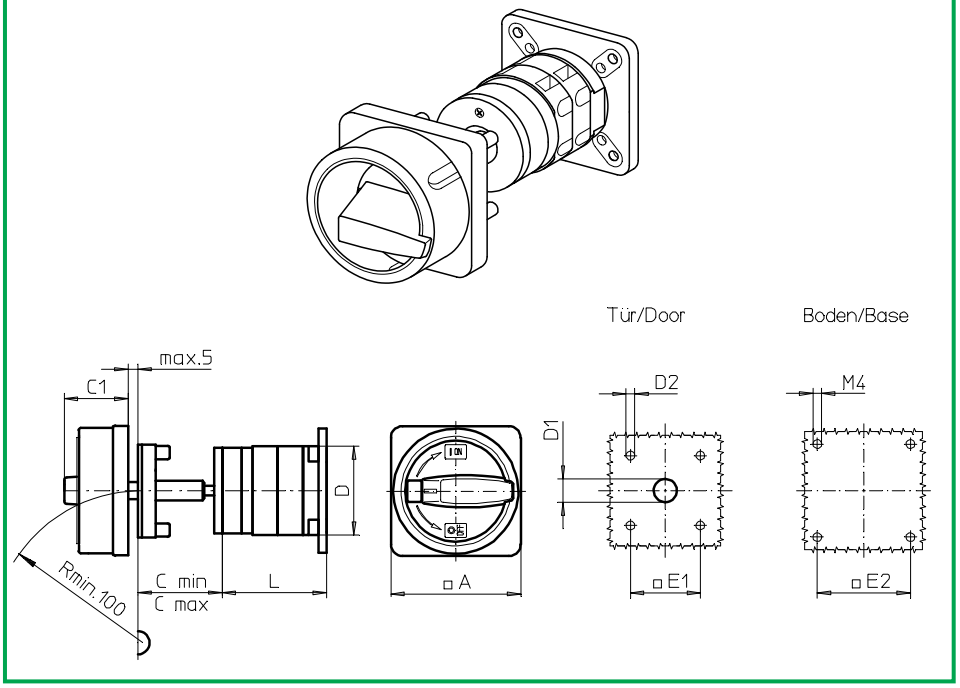
SMD modules for basic switch

Mounting form module for 232V.	M200 / T200	**BFB2 - 241**
V-operator module 48 x 48 mm, mounting form 232V1 Escutcheon black, handle black		**2AV1 - 09**
Legend plate silver, operator module 232V1		**FAS2 - 9078**
V-operator module 48 x 48 mm, mounting form 232V4 Escutcheon black, handle red		**2AV4 - 09**
Legend plate yellow, operator module 232V4		**FBS2 - 9078**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	59	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	59	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	59	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	59	32	50	12	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
48 x 48 mm base

032M1 (IP66)
032M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 032M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 032M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 032M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 032M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 032M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 032M4**

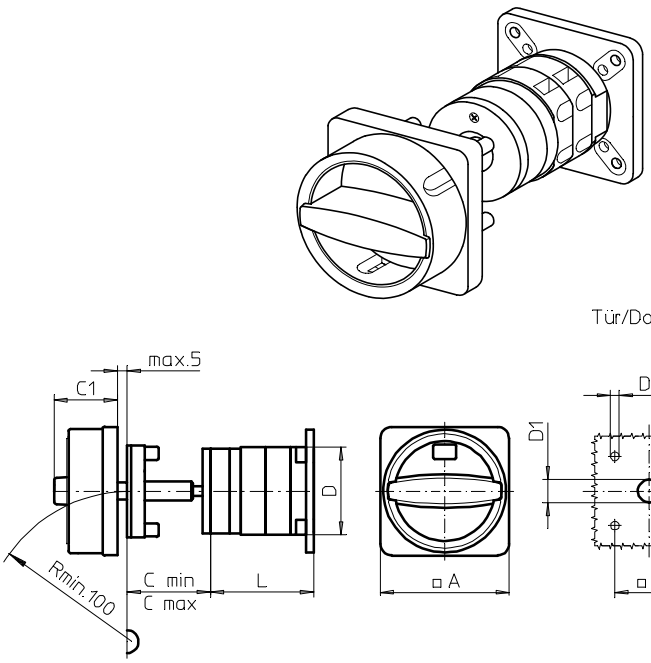
SMD modules for basic switch

Mounting form module for 032M.	M200 / T200	**BFC2 - 032**
M-padlock device 67 x 67 mm, mounting form 032M1 Escutcheon black, padlockable handle black		**2CM1**
M-padlock device 67 x 67 mm, mounting form 032M4 Escutcheon yellow, padlockable handle red		**2CM4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	59	38	46	15	4,5	36	48	38	48	58	10
M221	67	42	59	38	46	15	4,5	36	48	41	54	67	13
M225	67	42	59	38	48	15	4,5	36	48	41	54	67	13
T225	67	42	59	38	50	15	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
48 x 48 mm base

032N1 (IP66)
032N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 032N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 032N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 032N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 032N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 032N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 032N4**

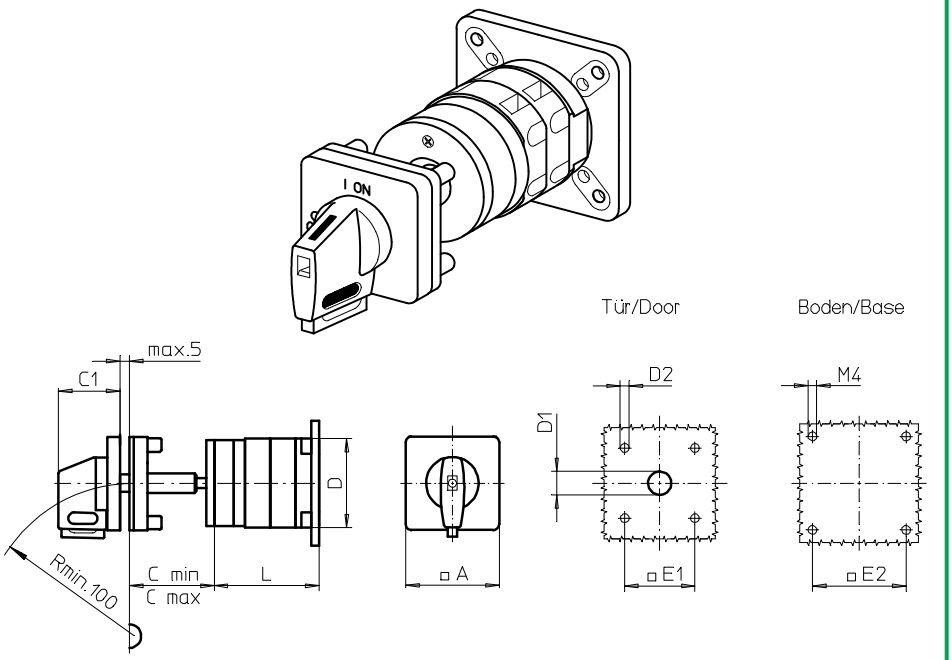
SMD modules for basic switch

Mounting form module for 032N.	M200 / T200	**BFC2 - 032**
N-padlock device 67 x 67 mm, mounting form 032N1 Escutcheon black, padlockable handle black		**2CN1**
N-padlock device 67 x 67 mm, mounting form 032N4 Escutcheon yellow, padlockable handle red		**2CN4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	59	33	46	15	4,5	36	48	38	48	58	10
M221	67	42	59	33	46	15	4,5	36	48	41	54	67	13
M225	67	42	59	33	48	15	4,5	36	48	41	54	67	13
T225	67	42	59	33	50	15	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
48 x 48 mm base

032V1 (IP66)
032V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 032V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 032V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 032V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 032V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 032V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 032V4**

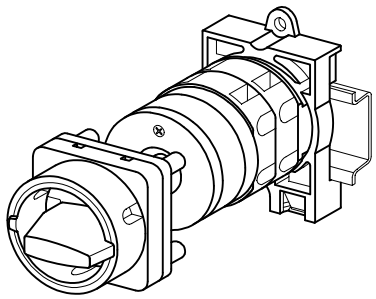
SMD modules for basic switch

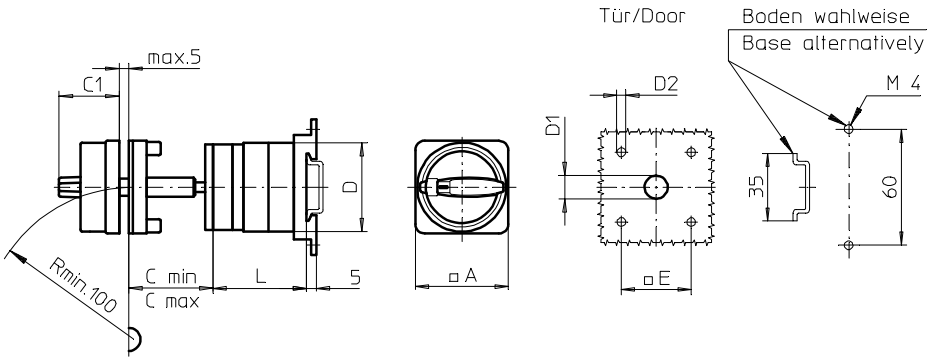
Mounting form module for 032V.	M200 / T200	**BFB2 - 041**
V-operator module 48 x 48 mm, mounting form 032V1 Escutcheon black, handle black		**2AV1 - 09**
Legend plate silver, operator module 032V1		**FAS2 - 9078**
V-operator module 48 x 48 mm, mounting form 032V4 Escutcheon black, handle red		**2AV4 - 09**
Legend plate yellow, operator module 032V4		**FBS2 - 9078**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	59	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	59	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	59	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	59	32	50	12	4,5	36	48	43	58	73	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

231M1 **(IP66)**
231M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 231M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 231M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 231M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 231M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 231M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 231M4**

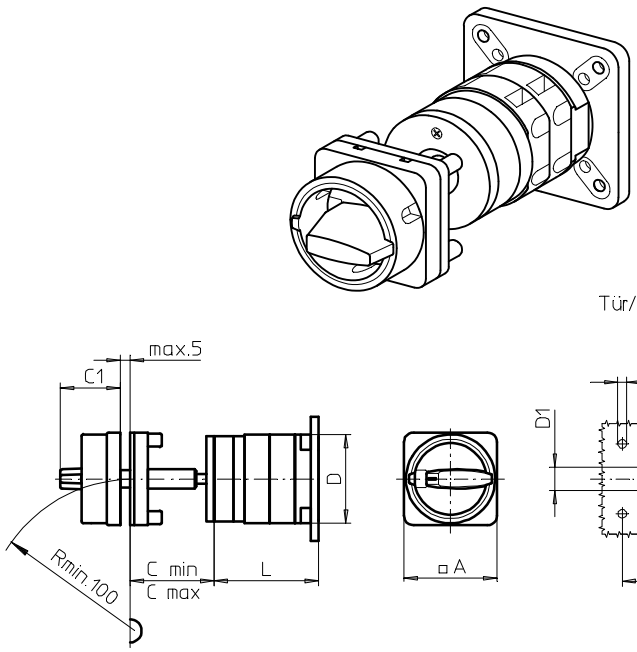
SMD modules for basic switch

Mounting form module for 231M.	M200 / T200	**BFB2 - 241**
M-padlock device 48 x 48 mm, mounting form 231M1 Escutcheon black, padlockable handle black		**2BM1**
M-padlock device 48 x 48 mm, mounting form 231M4 Escutcheon yellow, padlockable handle red		**2BM4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	59	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	59	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	59	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	59	32	50	12	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
36 x 36 mm front
48 x 48 mm base

031M1 (IP66)
031M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 031M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 031M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 031M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 031M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 031M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 031M4**

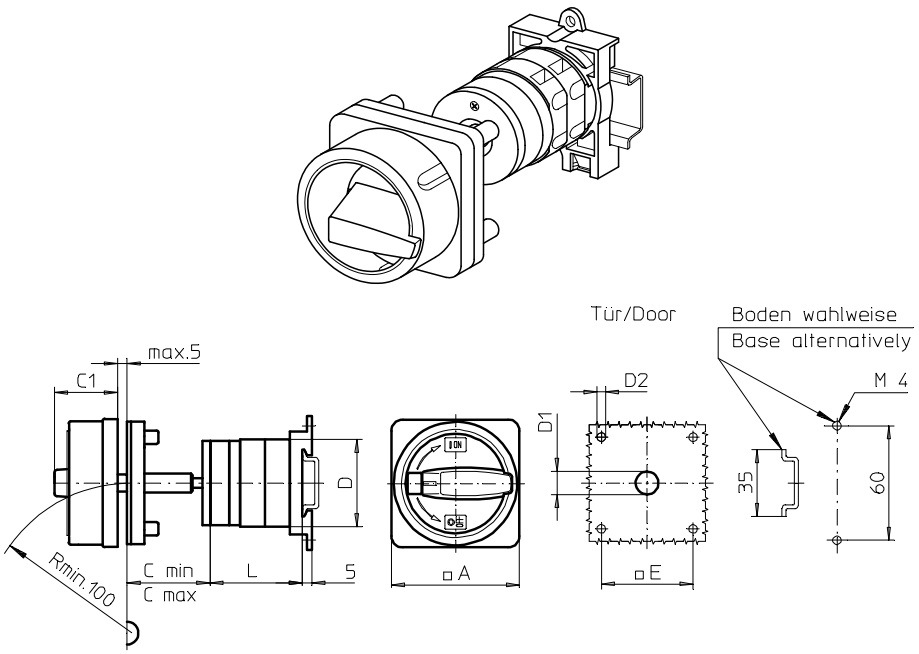
SMD modules for basic switch

Mounting form module for 031M.	M200 / T200	**BFB2 - 041**
M-padlock device 48 x 48 mm, mounting form 031M1 Escutcheon black, padlockable handle black		**2BM1**
M-padlock device 48 x 48 mm, mounting form 031M4 Escutcheon yellow, padlockable handle red		**2BM4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	59	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	59	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	59	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	59	32	50	12	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

237M1 (IP66)
237M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 237M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 237M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 237M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 237M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 237M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 237M4**

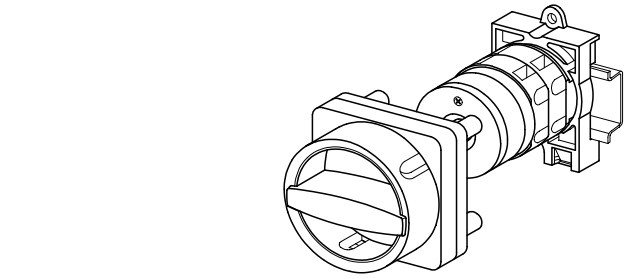
SMD modules for basic switch

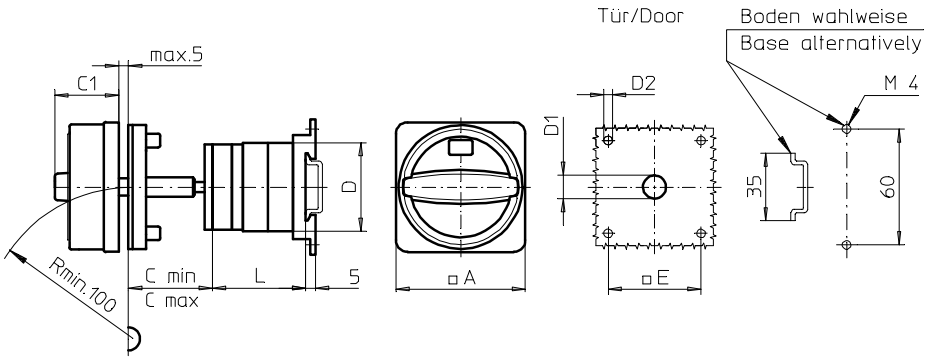
Mounting form module for 237M.	M200 / T200	**BFC2 - 237**
M-padlock device 67 x 67 mm, mounting form 237M1 Escutcheon black, padlockable handle black		**4BM1**
M-padlock device 67 x 67 mm, mounting form 237M4 Escutcheon yellow, padlockable handle red		**4BM4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	59	38	46	15	5	48	37	47	57	67	10
M221	67	42	59	38	46	15	5	48	40	53	66	79	13
M225	67	42	59	38	48	15	5	48	40	53	66	79	13
T225	67	42	59	38	50	15	5	48	42	57	72	87	15

Base Mounting Switches





Product lines
M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

237N1 (IP66)
237N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 237N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 237N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 237N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 237N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 237N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 237N4**

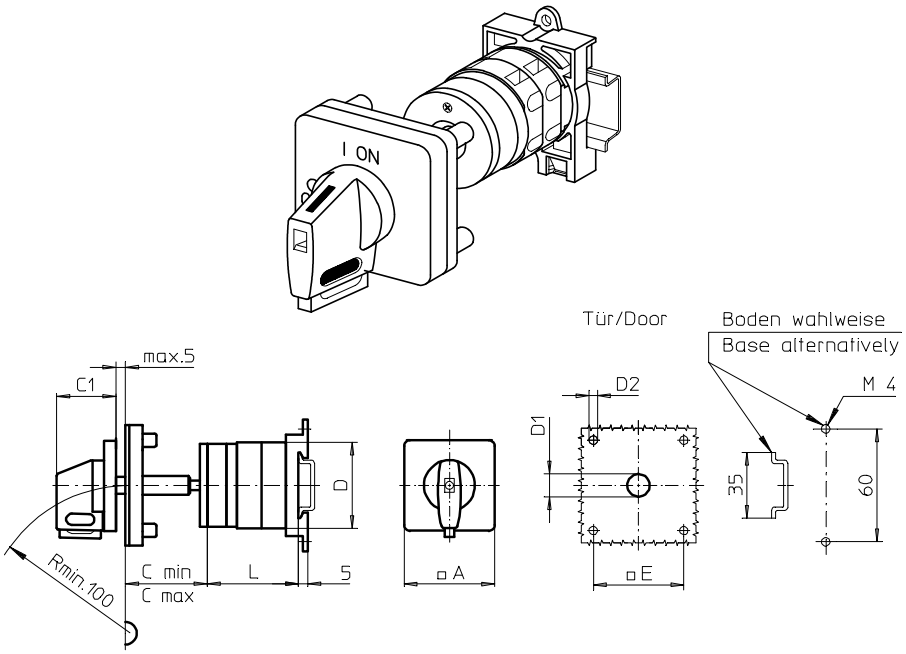
SMD modules for basic switch

Mounting form module for 237N.	M200 / T200	**BFC2 - 237**
N-padlock device 67 x 67 mm, mounting form 237N1 Escutcheon black, padlockable handle black		**4BN1**
N-padlock device 67 x 67 mm, mounting form 237N4 Escutcheon yellow, padlockable handle red		**4BN4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	59	33	46	15	5	48	37	47	57	67	10
M221	67	42	59	33	46	15	5	48	40	53	66	79	13
M225	67	42	59	33	48	15	5	48	40	53	66	79	13
T225	67	42	59	33	50	15	5	48	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

237V1 (IP66)
237V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 237V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 237V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 237V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 237V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 237V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 237V4**

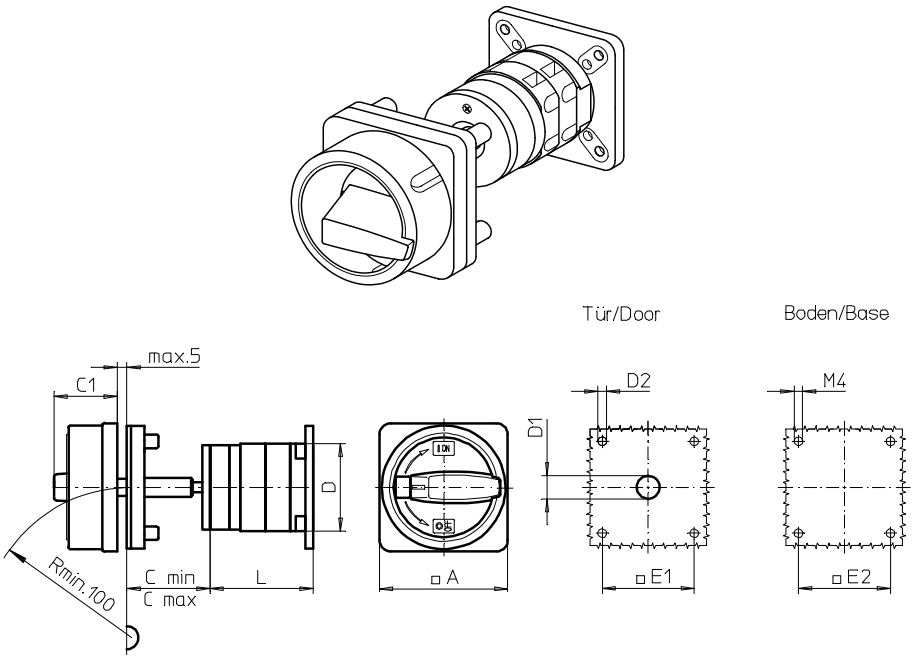
SMD modules for basic switch

Mounting form module for 237V.	M200 / T200	**BFC2 - 247**
V-operator module 64 x 64 mm, mounting form 237V1 Escutcheon black, handle black		**4AV1 - 09**
Legend plate silver, operator module 237V1		**FAS4 - 9078**
V-operator module 64 x 64 mm, mounting form 237V4 Escutcheon black, handle red		**4AV4 - 09**
Legend plate yellow, operator module 237V4		**FBS4 - 9078**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	64	42	59	39	46	15	5	48	37	47	57	67	10
M221	64	42	59	39	46	15	5	48	40	53	66	79	13
M225	64	42	59	39	48	15	5	48	40	53	66	79	13
T225	64	42	59	39	50	15	5	48	42	57	72	87	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
48 x 48 mm base

037M1 (IP66)
037M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 037M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 037M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 037M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 037M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 037M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 037M4**

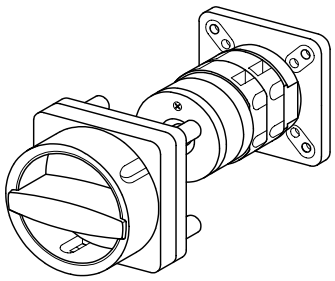
SMD modules for basic switch

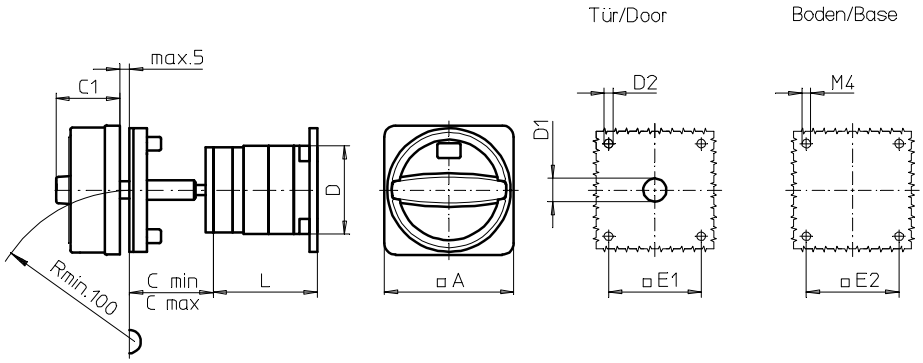
Mounting form module for 037M.	M200 / T200	**BFC2 - 037**
M-padlock device 67 x 67 mm, mounting form 037M1 Escutcheon black, padlockable handle black		**4BM1**
M-padlock device 67 x 67 mm, mounting form 037M4 Escutcheon yellow, padlockable handle red		**4BM4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	59	38	46	15	5	48	48	38	48	58	10
M221	67	42	59	38	46	15	5	48	48	41	54	67	13
M225	67	42	59	38	48	15	5	48	48	41	54	67	13
T225	67	42	59	38	50	15	5	48	48	43	58	73	15

Base Mounting Switches





Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
48 x 48 mm base

037N1 (IP66)
037N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 037N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 037N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 037N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 037N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 037N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 037N4**

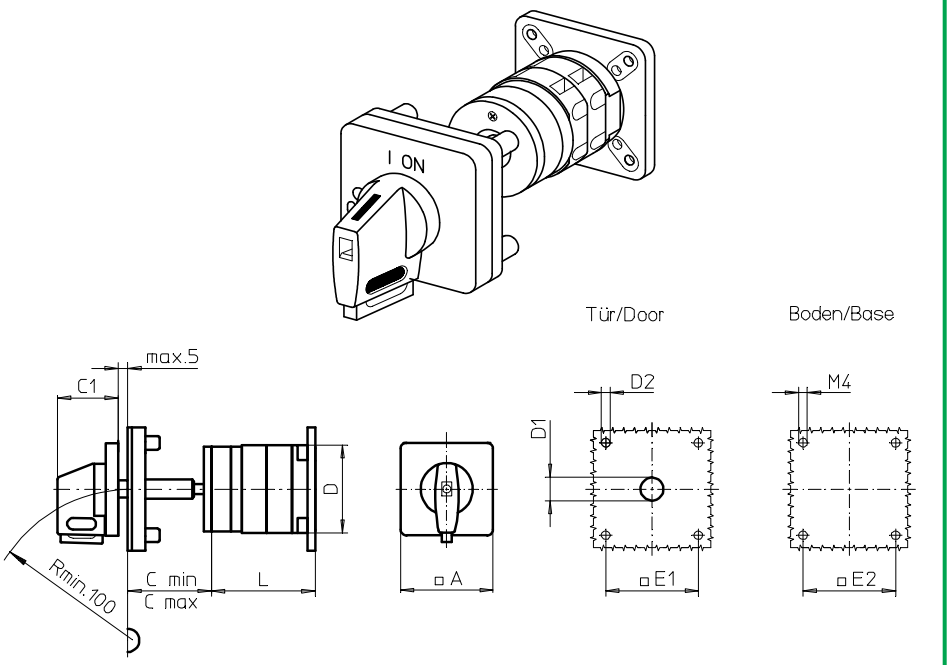
SMD modules for basic switch

Mounting form module for 037N.	M200 / T200	**BFC2 -037**
N-padlock device 67 x 67 mm, mounting form 037N1 Escutcheon black, padlockable handle black		**4BN1**
N-padlock device 67 x 67 mm, mounting form 037N4 Escutcheon yellow, padlockable handle red		**4BN4**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	59	33	46	15	5	48	48	38	48	58	10
M221	67	42	59	33	46	15	5	48	48	41	54	67	13
M225	67	42	59	33	48	15	5	48	48	41	54	67	13
T225	67	42	59	33	50	15	5	48	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door clutch
Modular shaft extension

Four hole mounting
48 x 48 mm front
48 x 48 mm base

037V1 (IP66)
037V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 037V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 037V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 037V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 037V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 037V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 037V4**

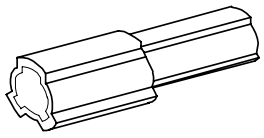
SMD modules for basic switch

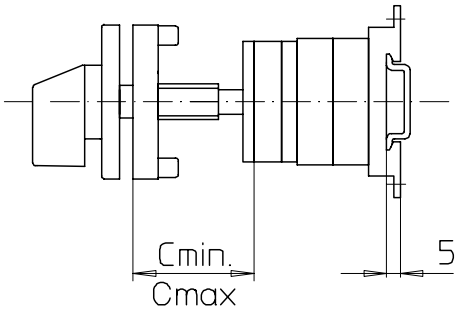
Mounting form module for 037V.	M200 / T200	**BFC2 - 047**
V-operator module 64 x 64 mm, mounting form 037V1 Escutcheon black, handle black		**4AV1 - 09**
Legend plate silver, operator module 037V1		**FAS4 - 9078**
V-operator module 64 x 64 mm, mounting form 037V4 Escutcheon black, handle red		**4AV4 - 09**
Legend plate yellow, operator module 037V4		**FBS4 - 9078**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	64	42	59	39	46	15	5	48	48	38	48	58	10
M221	64	42	59	39	46	15	5	48	48	41	54	67	13
M225	64	42	59	39	48	15	5	48	48	41	54	67	13
T225	64	42	59	39	50	15	5	48	48	43	58	73	15

Modular shaft extension





Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
Front

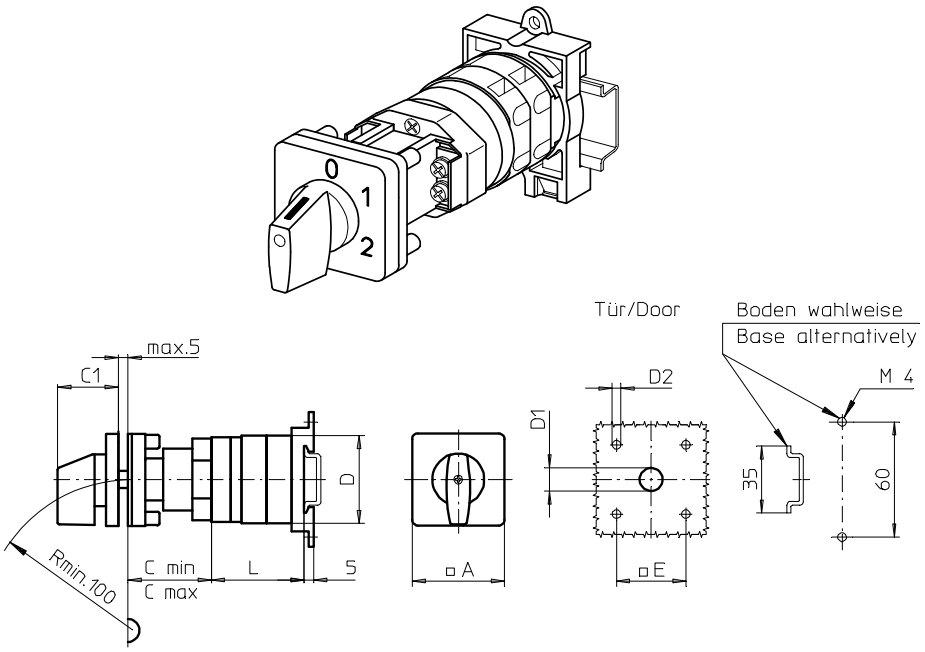
AVD2

Modular shaft extensions for use with door clutch

Dimensions C_{min}, C_{max}

No.	C_{min}	C_{max}	Quantity	Order code number
0	42 mm	59 mm	-	-
1	60 mm	84 mm	1	AVD2
2	85 mm	109 mm	2	AVD2
3	110 mm	134 mm	3	AVD2
4	135 mm	159 mm	4	AVD2
5	160 mm	184 mm	5	AVD2
6	185 mm	209 mm	6	AVD2

Base Mounting Switches



Product lines M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

242M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 242M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 242M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 242M1**

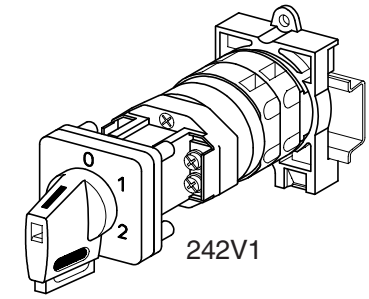
SMD modules for basic switch

Mounting form module for 242M1	M200	**BFB2 - 242**
	T200	**BFE2 - 242**
M-operator module 48 x 48 mm, mounting form 242M1 Escutcheon black, handle black	M200 / T200	**2AM1**
Legend plate silver, operator module 242M1		**FAS2 - ....** (FA number)

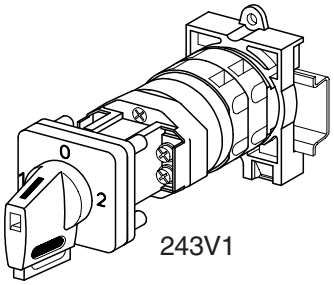
Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	57	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	57	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	57	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	57	32	50	12	4,5	36	42	57	72	87	15

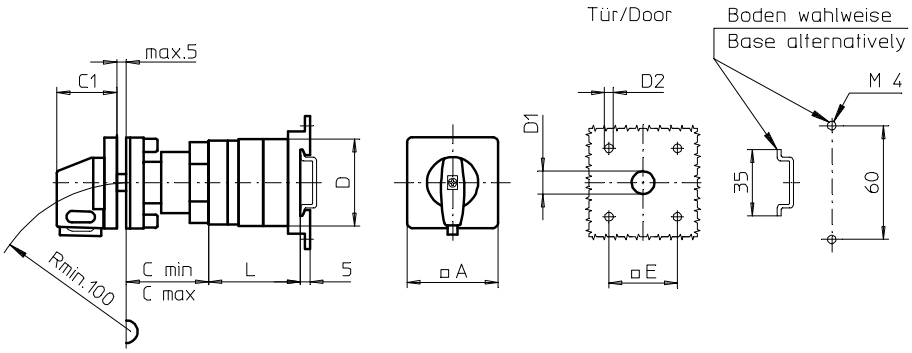
Base Mounting Switches



242V1



243V1



Product lines M200 / T200

Base mounting switch

Door interlock

Modular shaft extension
N/PE connection link

Four hole mounting

36 x 36 mm front
Snap on mounting base plate

242V1 (IP66)
243V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 242V1** **M225 - 61 ... - 242V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 242V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 243V1** **M225 - 61 ... - 243V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 243V1**

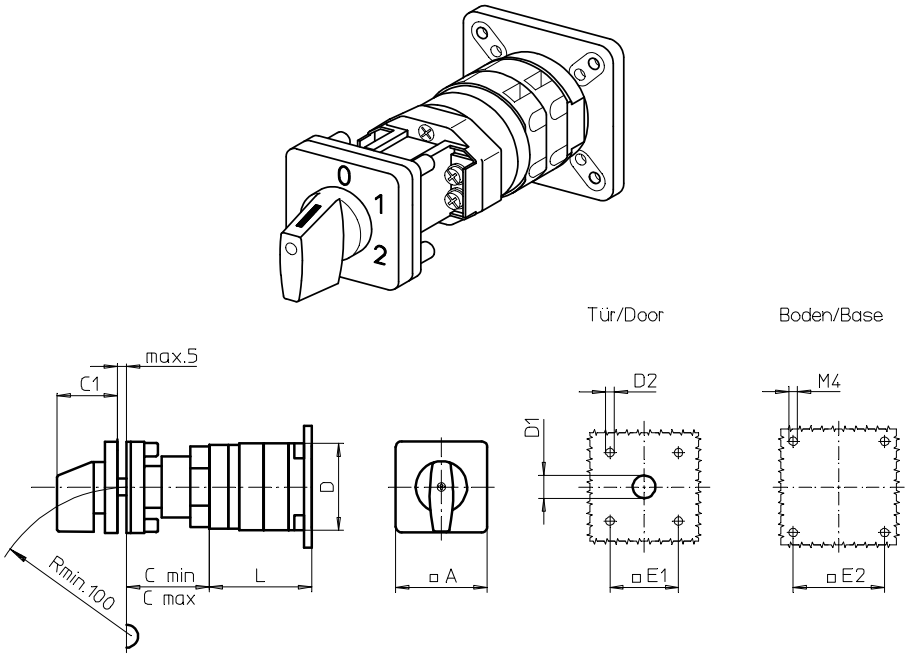
SMD modules for basic switch

Mounting form module for 242V1/ 243V1	M200 T200	**BFD2 - 242** **BFF2 - 242**
V-operator module 48 x 48 mm, mounting form 242V1 Escutcheon black, handle black	M200 / T200	**2AV1 - 12**
V-operator module 48 x 48 mm, mounting form 243V1 Escutcheon black, handle black		**2AV1 - 99**
Legend plate silver, operator module 242V1/ 243V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	57	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	57	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	57	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	57	32	50	12	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
48 x 48 mm base

042M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 042M1** **M225 - 61 ... - 042M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 042M1**

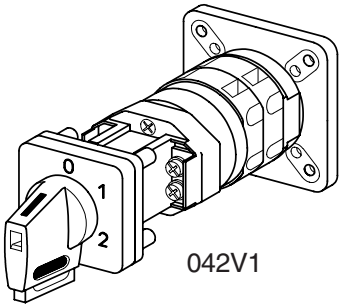
SMD modules for basic switch

Mounting form module for 042M1	M200 T200	**BFB2 - 042** **BFE2 - 042**
M-operator module 48 x 48 mm, mounting form 042M1 Escutcheon black, handle black	M200 / T200	**2AM1**
Legend plate silver, operator module 042M1		**FAS2 - ....** (FA number)

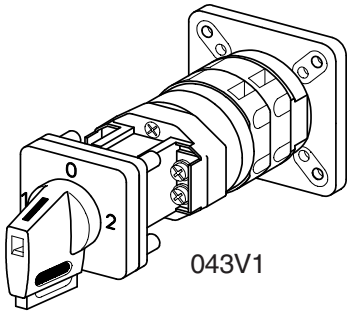
Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	57	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	57	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	57	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	57	32	50	12	4,5	36	48	43	58	73	15

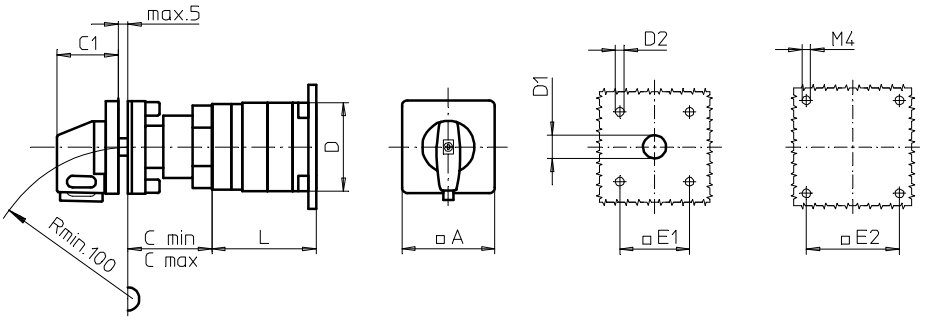
Base Mounting Switches



042V1



043V1



Product lines M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
48 x 48 mm base

042V1 (IP66)
043V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 042V1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 042V1**
Padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 042V1**
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 043V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 043V1**
3 positions padlockable (09h/12h/03h)	1 ... 24	T200	32	15	11	**T225 - 61 ... - 043V1**

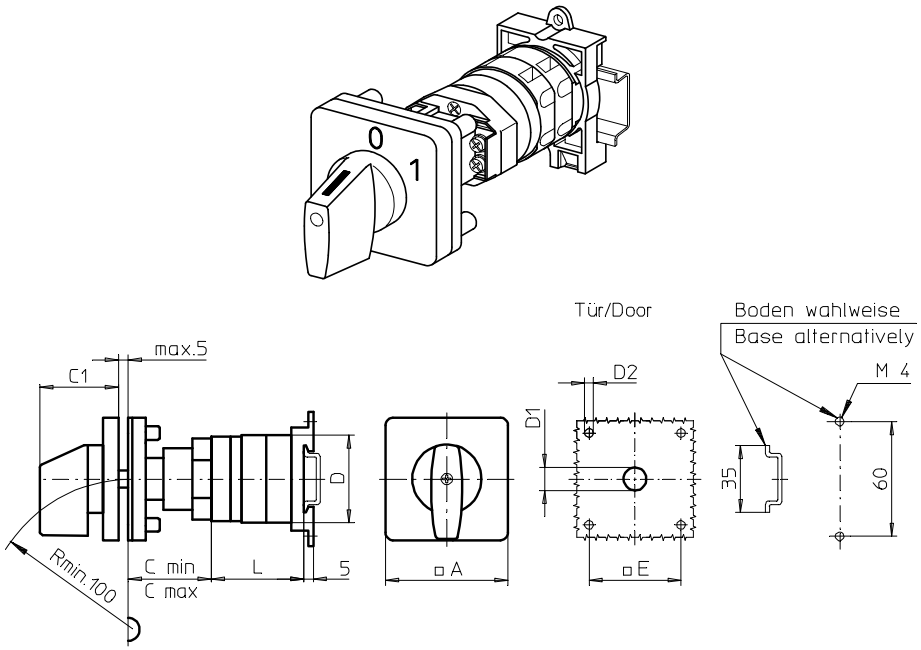
SMD modules for basic switch

Mounting form module for 042V1/ 043V1	M200	**BFD2 - 042**
	T200	**BFF2 - 042**
V-operator module 48 x 48 mm, mounting form 042V1 Escutcheon black, handle black	M200 / T200	**2AV1 - 12**
V-operator module 48 x 48 mm, mounting form 043V1 Escutcheon black, handle black		**2AV1 - 99**
Legend plate silver, operator module 042V1/ 043V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	57	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	57	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	57	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	57	32	50	12	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

248M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 248M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 248M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 248M1**

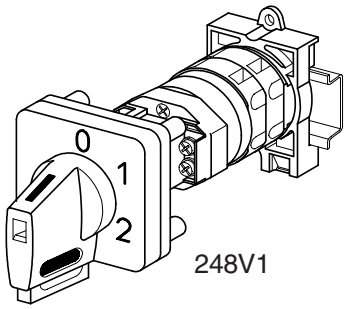
SMD modules for basic switch

Mounting form module for 248M1	M200 T200	**BFD2 - 248** **BFF2 - 248**
M-operator module 64 x 64 mm, mounting form 248M1 Escutcheon black, handle black	M200 / T200	**4AM1**
Legend plate silver, operator module 248M1		**FAS4 - ....** (FA number)

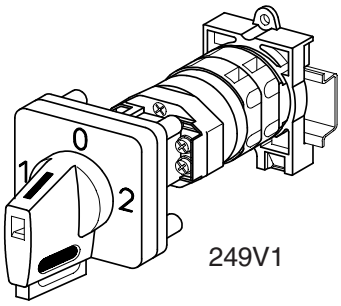
Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	64	42	57	39	46	15	5	48	37	47	57	67	10
M221	64	42	57	39	46	15	5	48	40	53	66	79	13
M225	64	42	57	39	48	15	5	48	40	53	66	79	13
T225	64	42	57	39	50	15	5	48	42	57	72	87	15

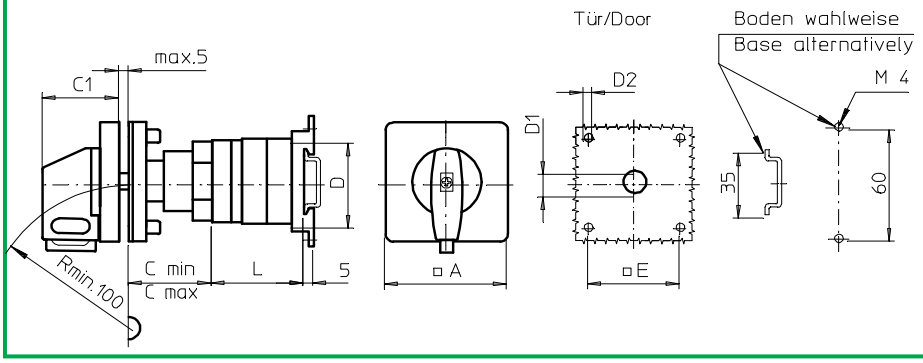
Base Mounting Switches



248V1



249V1



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

248V1 (IP66)
249V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 248V1** **M225 - 61 ... - 248V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 248V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 249V1** **M225 - 61 ... - 249V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 249V1**

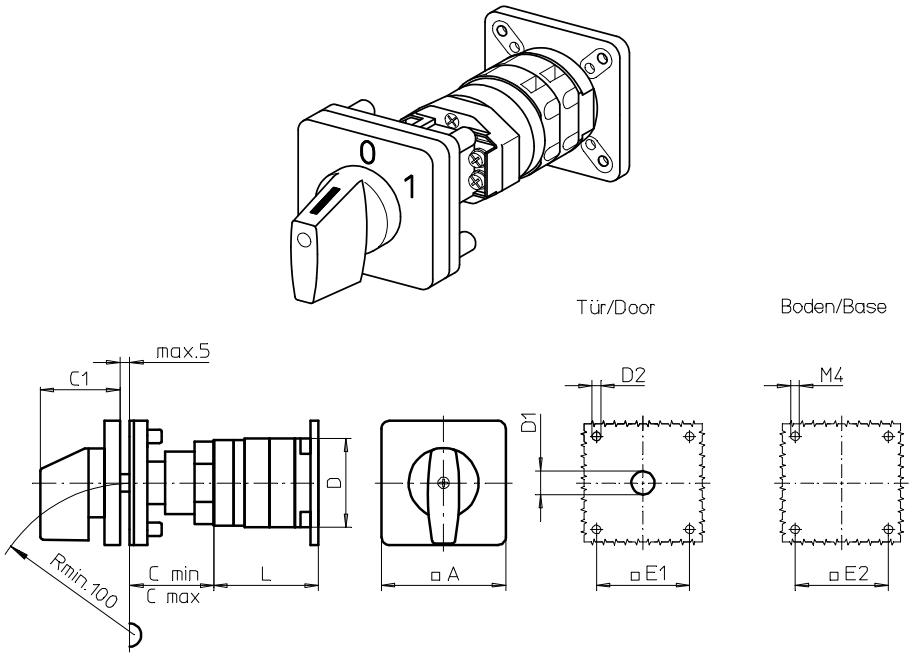
SMD modules for basic switch

Mounting form module for 248V1/ 249V1	M200 T200	**BFE2 - 248** **BFG2 - 248**
V-operator module 64 x 64 mm, mounting form 248V1 Escutcheon black, handle black	M200 / T200	**4AV1 - 12**
V-operator module 64 x 64 mm, mounting form 249V1 Escutcheon black, handle black		**4AV1 - 99**
Legend plate silver, operator module 248V1/ 249V1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	64	42	57	39	46	15	5	48	37	47	57	67	10
M221	64	42	57	39	46	15	5	48	40	53	66	79	13
M225	64	42	57	39	48	15	5	48	40	53	66	79	13
T225	64	42	57	39	50	15	5	48	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
48 x 48 mm base

048M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 048M1**
Switching angle 30°/45°/60°/90°			25	11	7,5	**M225 - 61 ... - 048M1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 048M1**

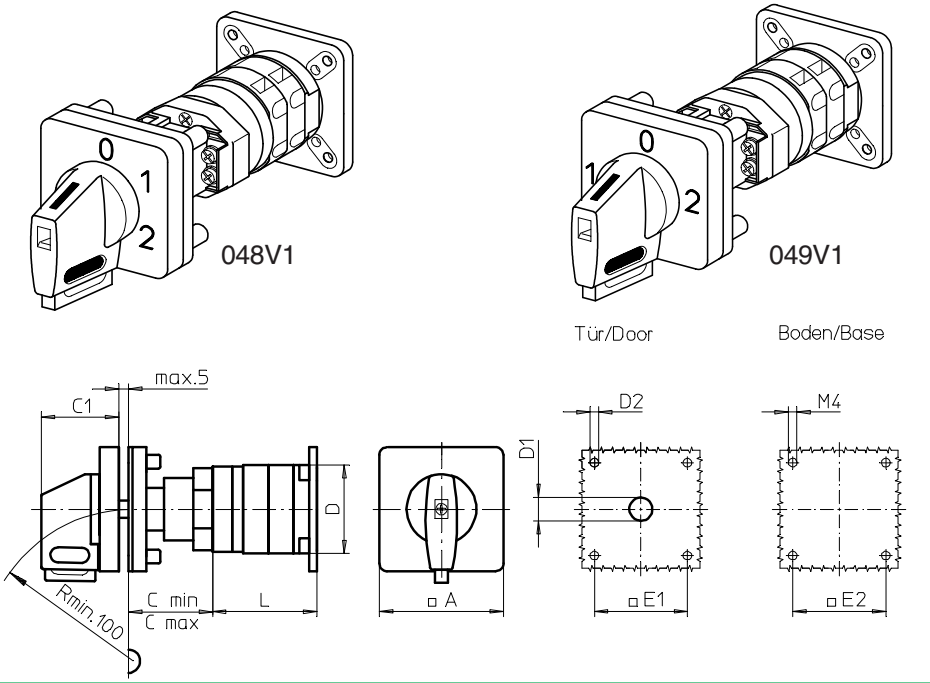
SMD modules for basic switch

Mounting form module for 048M1	M200	**BFD2 - 048**
	T200	**BFF2 - 048**
M-operator module 64 x 64 mm, mounting form 048M1 Escutcheon black, handle black	M200 / T200	**4AM1**
Legend plate silver, operator module 048M1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	64	42	57	39	46	15	5	48	48	38	48	58	10
M221	64	42	57	39	46	15	5	48	48	41	54	67	13
M225	64	42	57	39	48	15	5	48	48	41	54	67	13
T225	64	42	57	39	50	15	5	48	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
48 x 48 mm base

048V1 (IP66)
049V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 048V1** **M225 - 61 ... - 048V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 048V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 24	M200	20 25	7,5 11	5,5 7,5	**M220 - 61 ... - 049V1** **M225 - 61 ... - 049V1**
	1 ... 24	T200	32	15	11	**T225 - 61 ... - 049V1**

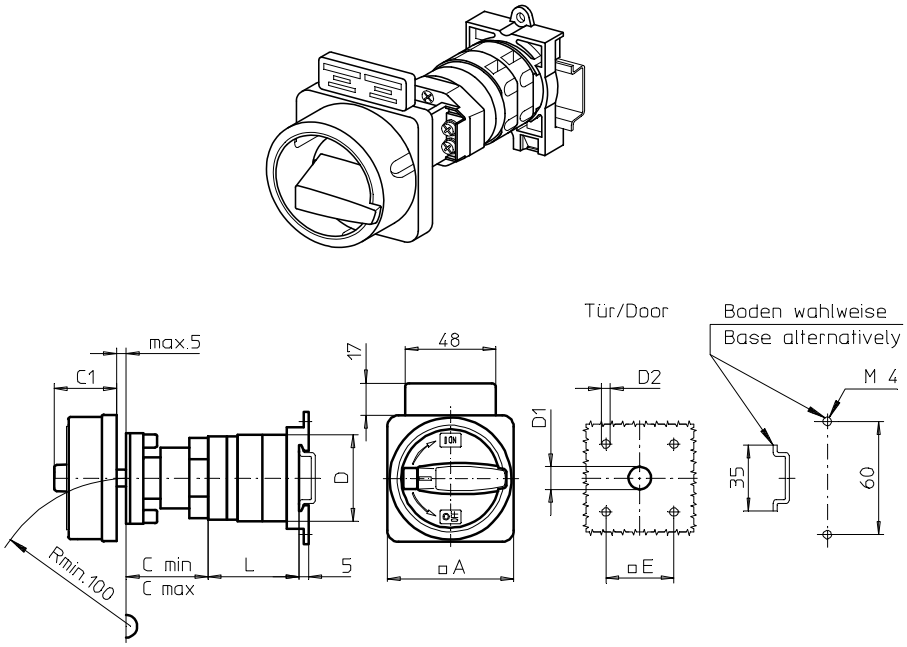
SMD modules for basic switch

Mounting form module for 048V1/ 049V1	M200 T200	**BFE2 - 048** **BFG2 - 048**
V-operator module 64 x 64 mm, mounting form 048V1 Escutcheon black, handle black	M200 / T200	**4AV1 - 12**
V-operator module 64 x 64 mm, mounting form 049V1 Escutcheon black, handle black		**4AV1 - 99**
Legend plate silver, operator module 048V1/ 049V1		**FAS4 - ....** (FA number)

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	64	42	57	39	46	15	5	48	48	38	48	58	10
M221	64	42	57	39	46	15	5	48	48	41	54	67	13
M225	64	42	57	39	48	15	5	48	48	41	54	67	13
T225	64	42	57	39	50	15	5	48	48	43	58	73	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

234M1 (IP66)
234M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 234M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 234M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 234M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 234M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 234M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 234M4**

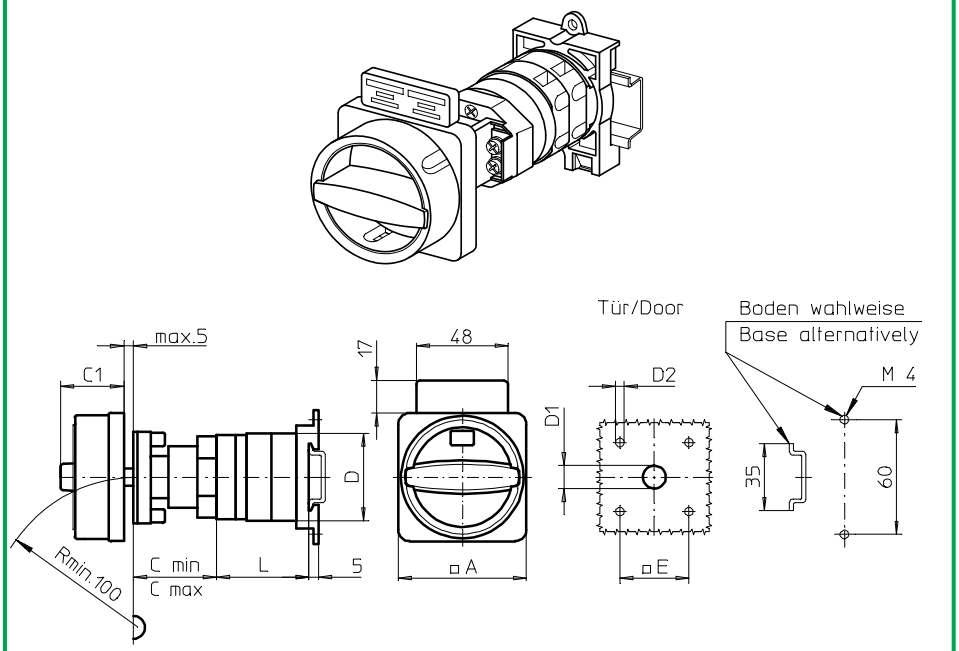
SMD modules for basic switch

Mounting form module for 234M.	M200	**BFC2 - 234**
	T200	**BFD2 - 234**
M-padlock device 67 x 67 mm, mounting form 234M1 Escutcheon black, padlockable handle black	M200 / T200	**2CM1**
M-padlock device 67 x 67 mm, mounting form 234M4 Escutcheon yellow, padlockable handle red		**2CM4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	57	38	46	15	4,5	36	37	47	57	67	10
M221	67	42	57	38	46	15	4,5	36	40	53	66	79	13
M225	67	42	57	38	48	15	4,5	36	40	53	66	79	13
T225	67	42	57	38	48	15	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

234N1 (IP66)
234N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 234N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 234N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 234N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 234N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 234N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 234N4**

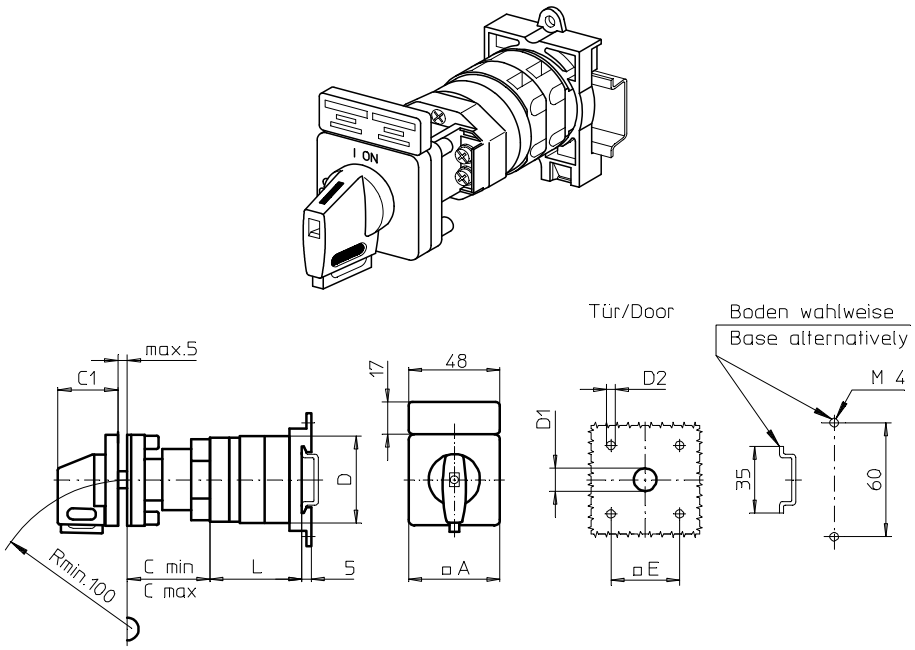
SMD modules for basic switch

Mounting form module for 234N.	M200	**BFC2 - 234**
	T200	**BFD2 - 234**
N-padlock device 67 x 67 mm, mounting form 234N1 Escutcheon black, padlockable handle black	M200 / T200	**2CN1**
N-padlock device 67 x 67 mm, mounting form 234N4 Escutcheon yellow, padlockable handle red		**2CN4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	57	33	46	15	4,5	36	37	47	57	67	10
M221	67	42	57	33	46	15	4,5	36	40	53	66	79	13
M225	67	42	57	33	48	15	4,5	36	40	53	66	79	13
T225	67	42	57	33	50	15	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

234V1 (IP66)
234V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 234V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 234V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 234V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 234V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 234V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 234V4**

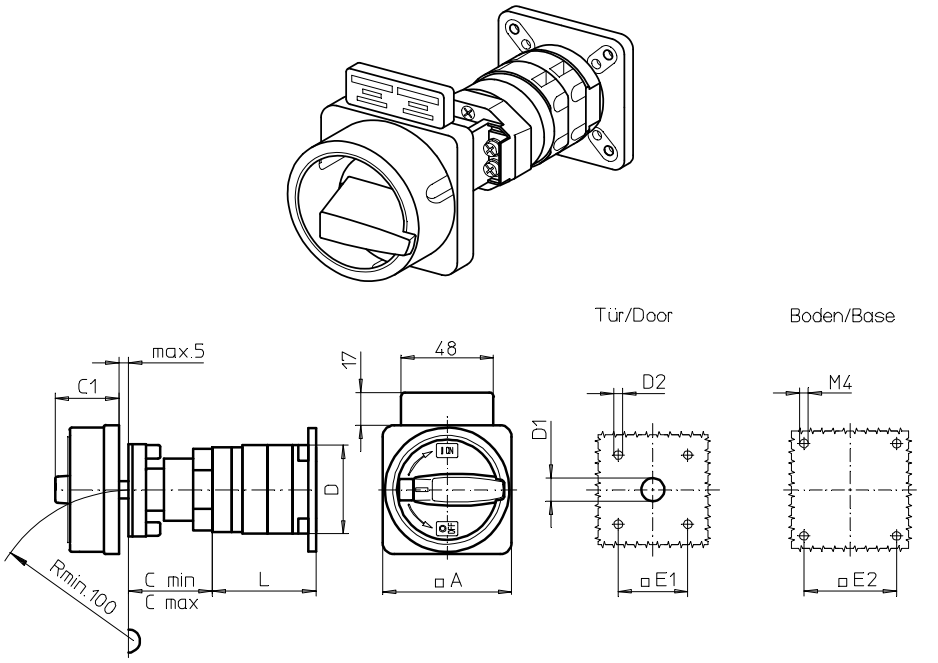
SMD modules for basic switch

Mounting form module for 234V.	M200	**BFB2 - 242**
	T200	**BFE2 - 242**
V-operator module 48 x 48 mm, mounting form 234V1 Escutcheon black, handle black	M200 / T200	**2AV1 - 09**
Legend plate silver, operator module 234V1		**FAS2 - 9078**
V-operator module 48 x 48 mm, mounting form 234V4 Escutcheon black, handle red		**2AV4 - 09**
Legend plate yellow, operator module 234V4		**FBS2 - 9078**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	57	32	46	12	4,5	36	37	47	57	67	10
M221	48	42	57	32	46	12	4,5	36	40	53	66	79	13
M225	48	42	57	32	48	12	4,5	36	40	53	66	79	13
T225	48	42	57	32	50	12	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
48 x 48 mm base

034M1 (IP66)
034M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 034M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 034M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 034M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 034M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 034M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 034M4**

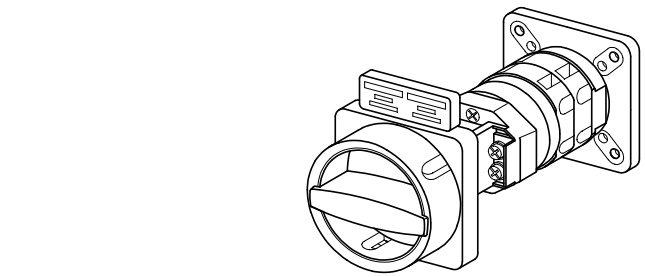
SMD modules for basic switch

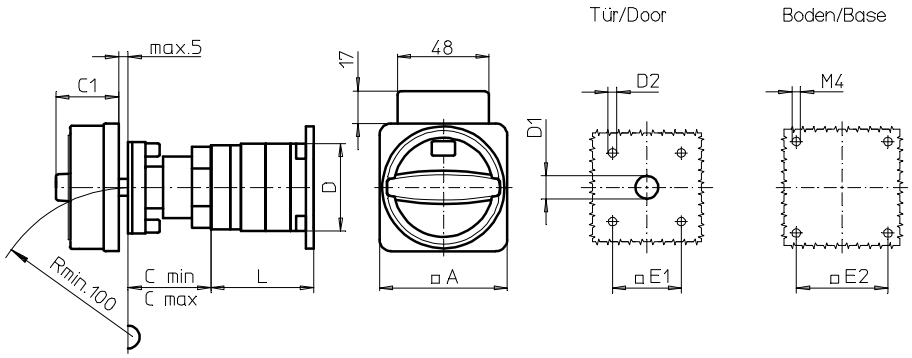
Mounting form module for 034M.	M200	**BFC2 - 034**
	T200	**BFD2 - 034**
M-padlock device 67 x 67 mm, mounting form 034M1 Escutcheon black, padlockable handle black	M200 / T200	**2CM1**
M-padlock device 67 x 67 mm, mounting form 034M4 Escutcheon yellow, padlockable handle red		**2CM4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	57	38	46	15	4,5	36	48	38	48	58	10
M221	67	42	57	38	46	15	4,5	36	48	41	54	67	13
M225	67	42	57	38	48	15	4,5	36	48	41	54	67	13
T225	67	42	57	38	50	15	4,5	36	48	43	58	73	15

Base Mounting Switches





Product lines M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
48 x 48 mm base

034N1 (IP66)
034N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 034N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 034N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 034N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 034N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 034N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 034N4**

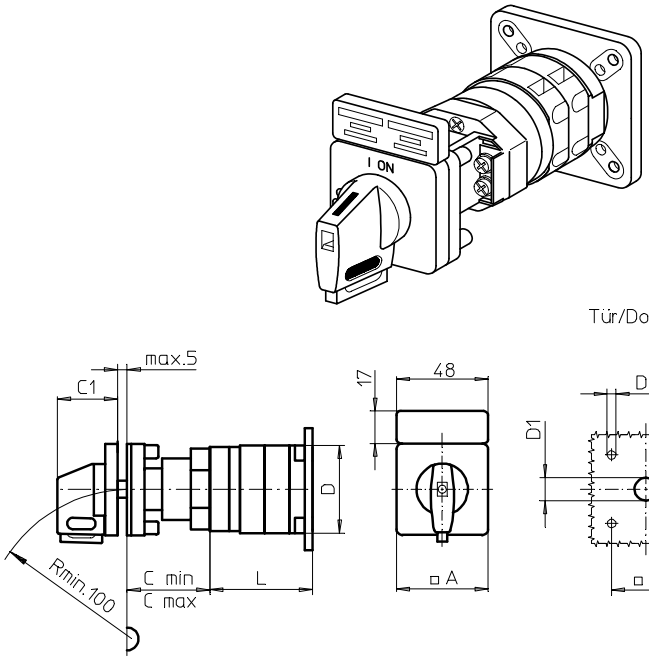
SMD modules for basic switch

Mounting form module for 034N.	M200	**BFC2 - 034**
	T200	**BFD2 - 034**
N-padlock device 67 x 67 mm, mounting form 034N1 Escutcheon black, padlockable handle black	M200 / T200	**2CN1**
N-padlock device 67 x 67 mm, mounting form 034N4 Escutcheon yellow, padlockable handle red		**2CN4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	59	33	46	15	4,5	36	48	38	48	58	10
M221	67	42	59	33	46	15	4,5	36	48	41	54	67	13
M225	67	42	59	33	48	15	4,5	36	48	41	54	67	13
T225	67	42	59	33	50	15	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
48 x 48 mm base

034V1 (IP66)
034V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 034V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 034V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 034V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 034V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 034V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 034V4**

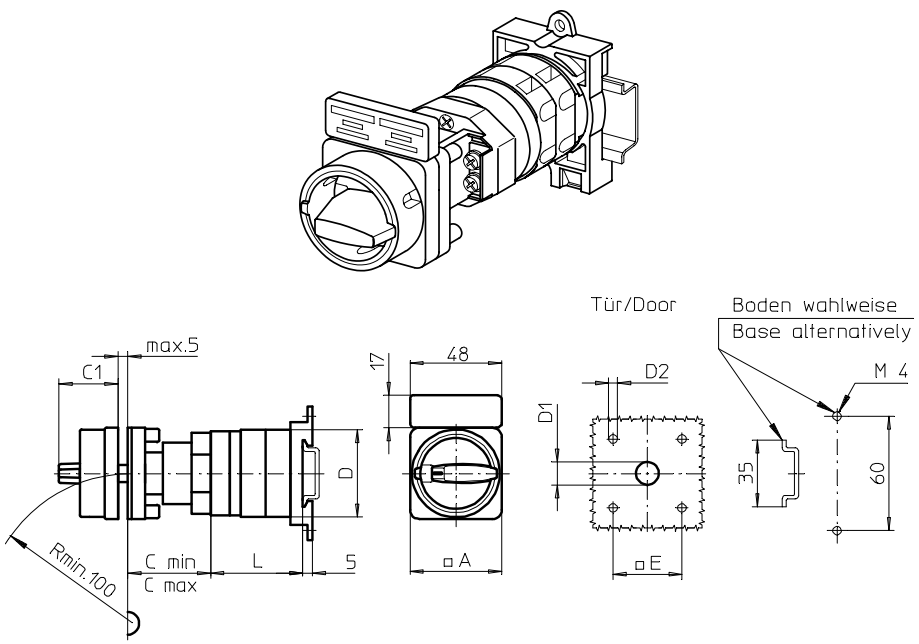
SMD modules for basic switch

Mounting form module for 034V.	M200	**BFB2 - 042**
	T200	**BFE2 - 042**
V-operator module 48 x 48 mm, mounting form 034V1 Escutcheon black, handle black Legend plate silver, operator module 034V1	M200 / T200	**2AV1 - 09** **FAS2 - 9078**
V-operator module 48 x 48 mm, mounting form 034V4 Escutcheon black, handle red Legend plate yellow, operator module 034V4		**2AV4 - 09** **FBS2 - 9078**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	57	32	46	12	4,5	36	48	38	48	58	10
M221	48	42	57	32	46	12	4,5	36	48	41	54	67	13
M225	48	42	57	32	48	12	4,5	36	48	41	54	67	13
T225	48	42	57	32	50	12	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
Snap on mounting base plate

235M1 (IP66)
235M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 235M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 235M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 235M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 235M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 235M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 235M4**

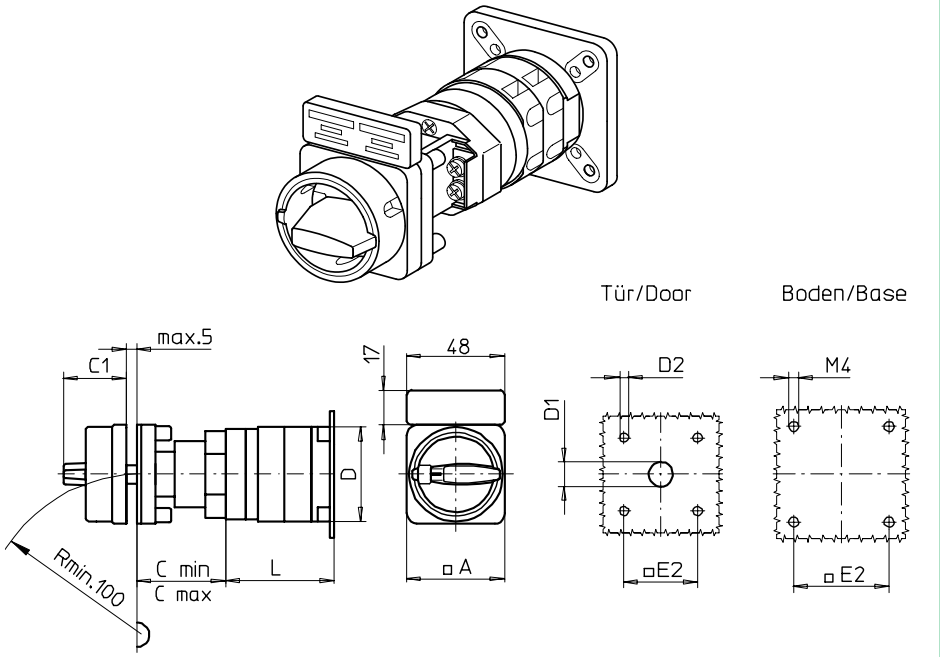
SMD modules for basic switch

Mounting form module for 235M.	M200	**BFB2 - 242**
	T200	**BFE2 - 242**
M-padlock device 48 x 48 mm, mounting form 235M1 Escutcheon black, padlockable handle black	M200 / T200	**2BM1**
M-padlock device 48 x 48 mm, mounting form 235M4 Escutcheon yellow, padlockable handle red		**2BM4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	48	42	57	31	46	12	4,5	36	37	47	57	67	10
M221	48	42	57	31	46	12	4,5	36	40	53	66	79	13
M225	48	42	57	31	48	12	4,5	36	40	53	66	79	13
T225	48	42	57	31	50	12	4,5	36	42	57	72	87	15

Base Mounting Switches



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
36 x 36 mm front
48 x 48 mm base

135M1 (IP66)
135M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 135M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 135M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 135M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 135M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 135M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 135M4**

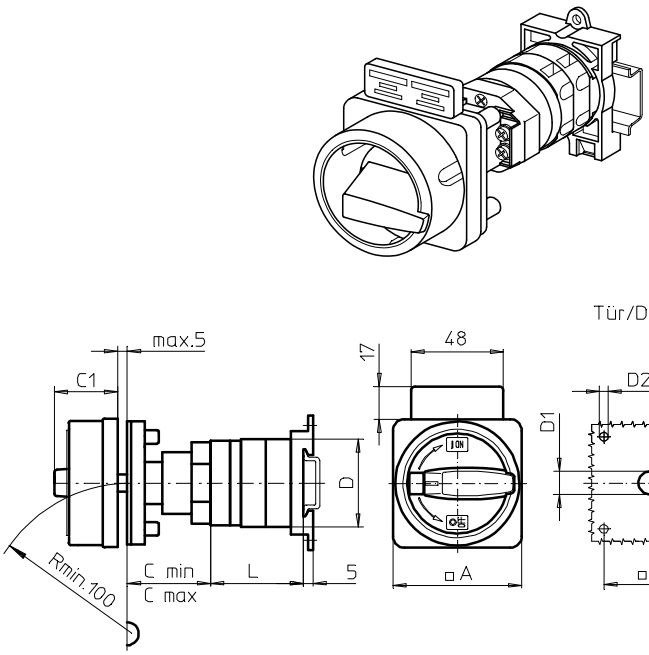
SMD modules for basic switch

Mounting form module for 135M.	M200	**BFB2 - 042**
	T200	**BFE2 - 042**
M-padlock device 48 x 48 mm, mounting form 135M1 Escutcheon black, padlockable handle black	M200 / T200	**2BM1**
M-padlock device 48 x 48 mm, mounting form 135M4 Escutcheon yellow, padlockable handle red		**2BM4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	48	42	57	31	46	12	4,5	36	48	38	48	58	10
M221	48	42	57	31	46	12	4,5	36	48	41	54	67	13
M225	48	42	57	31	48	12	4,5	36	48	41	54	67	13
T225	48	42	57	31	50	12	4,5	36	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

238M1 (IP66)
238M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 238M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 238M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 238M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 238M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 238M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 238M4**

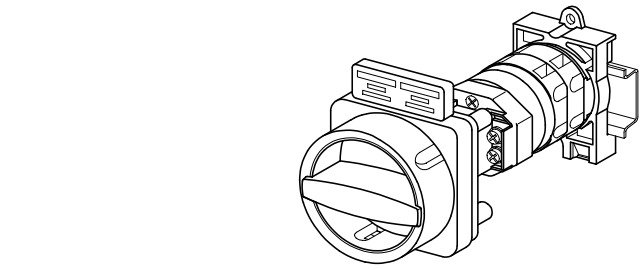
SMD modules for basic switch

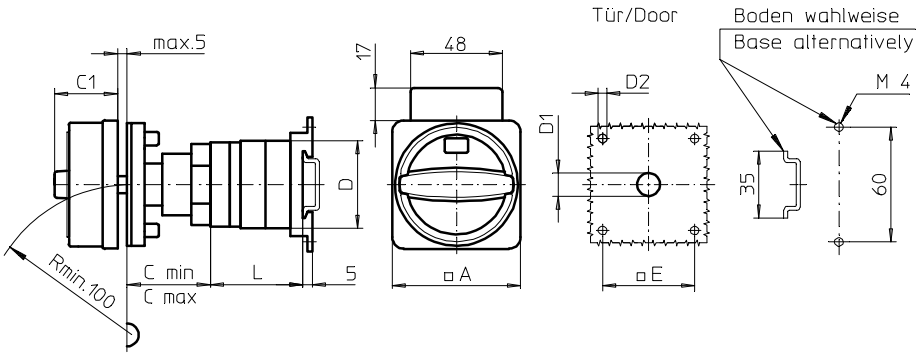
Mounting form module for 238M.	M200	**BFC2 - 238**
	T200	**BFD2 - 238**
M-padlock device 67 x 67 mm, mounting form 238M1 Escutcheon black, padlockable handle black	M200 / T200	**4BM1**
M-padlock device 67 x 67 mm, mounting form 238M4 Escutcheon yellow, padlockable handle red		**4BM4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	57	38	46	15	5	48	37	47	57	67	10
M221	67	42	57	38	46	15	5	48	40	53	66	79	13
M225	67	42	57	38	48	15	5	48	40	53	66	79	13
T225	67	42	57	**38**	**50**	**15**	**5**	**48**	**42**	**57**	**72**	**87**	**15**

Base Mounting Switches





Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

238N1 (IP66)
238N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 238N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 238N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 238N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 238N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 238N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 238N4**

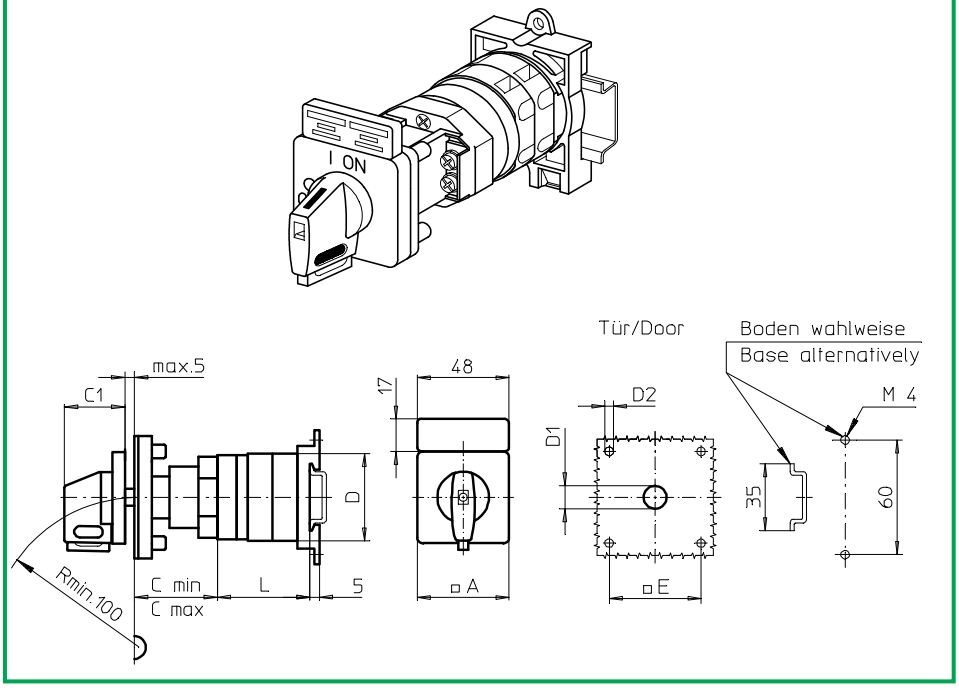
SMD modules for basic switch

Mounting form module for 238N.	M200 T200	**BFC2 - 238** **BFD2 - 238**
N-padlock device 67 x 67 mm, mounting form 238N1 Escutcheon black, padlockable handle black	M200 / T200	**4BN1**
N-padlock device 67 x 67 mm, mounting form 238N4 Escutcheon yellow, padlockable handle red		**4BN4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	67	42	57	33	46	15	5	48	37	47	57	67	10
M221	67	42	57	33	46	15	5	48	40	53	66	79	13
M225	67	42	57	33	48	15	5	48	40	53	66	79	13
T225	67	42	57	33	50	15	5	48	42	57	72	87	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
Snap on mounting base plate

238V1 (IP66)
238V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 238V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 238V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 238V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 238V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 238V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 238V4**

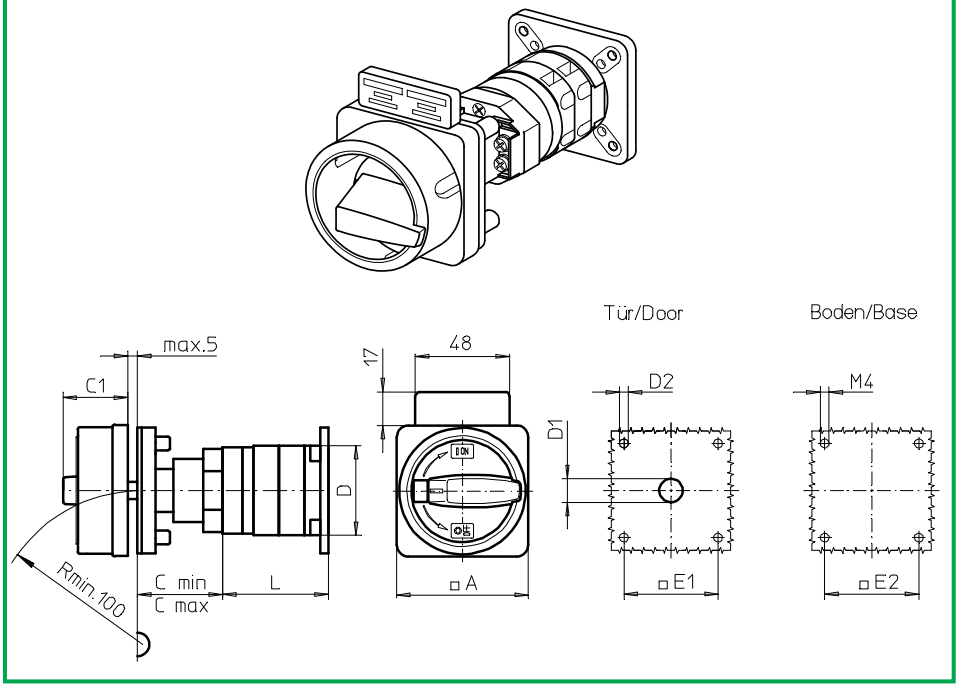
SMD modules for basic switch

Mounting form module for 238V.	M200	**BFD2 - 248**
	T200	**BFF2 - 248**
V-operator module 64 x 64 mm, mounting form 238V1 Escutcheon black, handle black	M200 / T200	**4AV1 - 09**
Legend plate silver, operator module 238V1		**FAS4 - 9078**
V-operator module 64 x 64 mm, mounting form 238V4 Escutcheon black, handle red		**4AV4 - 09**
Legend plate yellow, operator module 238V4		**FBS4 - 9078**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E	L with ... stages (max. 12) 1	2	3	4	each add. stage
M220	64	42	57	39	46	15	5	48	37	47	57	67	10
M221	64	42	57	39	46	15	5	48	40	53	66	79	13
M225	64	42	57	39	48	15	5	48	40	53	66	79	13
T225	64	42	57	39	50	15	5	48	42	57	72	87	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
48 x 48 mm base

038M1 (IP66)
038M4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 038M1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 038M1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 038M1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 038M4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 038M4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 038M4**

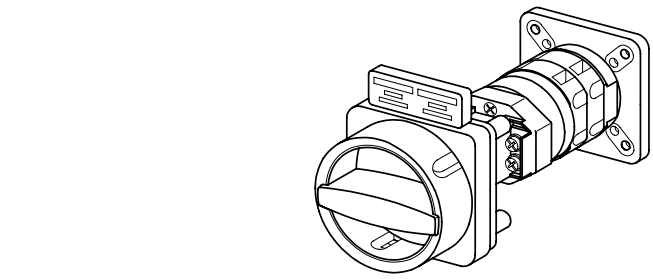
SMD modules for basic switch

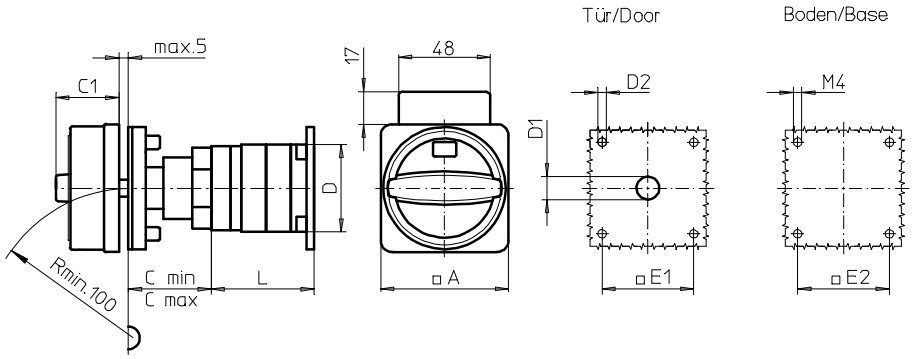
Mounting form module for 038M.	M200	**BFC2 - 038**
	T200	**BFD2 - 038**
M-padlock device 67 x 67 mm, mounting form 038M1 Escutcheon black, padlockable handle black	M200 / T200	**4BM1**
M-padlock device 67 x 67 mm, mounting form 038M4 Escutcheon yellow, padlockable handle red		**4BM4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	57	38	46	15	5	48	48	38	48	58	10
M221	67	42	57	38	46	15	5	48	48	41	54	67	13
M225	67	42	57	38	48	15	5	48	48	41	54	67	13
T225	67	42	57	38	50	15	5	48	48	43	58	73	15

Base Mounting Switches





Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
48 x 48 mm base

038N1 (IP66)
038N4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 038N1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 038N1**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 038N1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 038N4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 038N4**
OFF position padlockable 12h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 038N4**

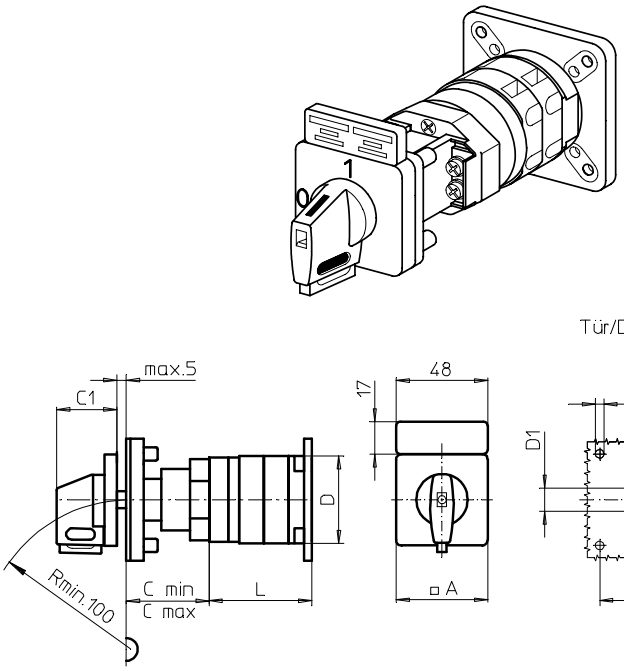
SMD modules for basic switch

Mounting form module for 038N.	M200	**BFC2 - 038**
	T200	**BFD2 - 038**
N-padlock device 67 x 67 mm, mounting form 038N1 Escutcheon black, padlockable handle black	M200 / T200	**4BN1**
N-padlock device 67 x 67 mm, mounting form 038N4 Escutcheon yellow, padlockable handle red		**4BN4**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	67	42	57	33	46	15	5	48	48	38	48	58	10
M221	67	42	57	33	46	15	5	48	48	41	54	67	13
M225	67	42	57	33	48	15	5	48	48	41	54	67	13
T225	67	42	57	33	50	15	5	48	48	43	58	73	15

Base Mounting Switches



Product lines M200 / T200

Base mounting switch
Operator module of next size

Door interlock
Modular shaft extension
N/PE connection link

Four hole mounting
48 x 48 mm front
48 x 48 mm base

038V1 (IP66)
038V4 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 038V1**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 038V1**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 038V1**
Main/Emergency-Off Switches	1 ... 24	M200	20	7,5	5,5	**M220 - 61 ... - 038V4**
Switching angle 90°			25	11	7,5	**M225 - 61 ... - 038V4**
OFF position padlockable 09h	1 ... 24	T200	32	15	11	**T225 - 61 ... - 038V4**

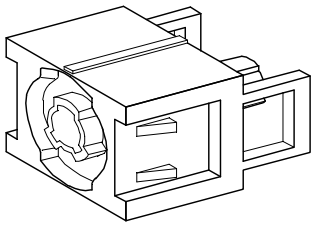
SMD modules for basic switch

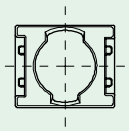
Mounting form module for 038V.	M200	**BFD2 - 048**
	T200	**BFF2 - 048**
V-operator module 64 x 64 mm, mounting form 038V1 Escutcheon black, handle black	M200 / T200	**4AV1 - 09**
Legend plate silver, operator module 038V1		**FAS4 - 9078**
V-operator module 64 x 64 mm, mounting form 038V4 Escutcheon black, handle red		**4AV4 - 09**
Legend plate yellow, operator module 038V4		**FBS4 - 9078**
Additional top escutcheon plate		**FAZ2 - 8041**

Dimensions (mm)

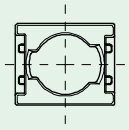
Product lines	A	C_{min}	C_{max}	C1	D	D1	D2	E1	E2	L with ... stages (max. 12) 1	2	3	each add. stage
M220	64	42	57	39	46	15	5	48	48	38	48	58	10
M221	64	42	57	39	46	15	5	48	48	41	54	67	13
M225	64	42	57	39	48	15	5	48	48	41	54	67	13
T225	64	42	57	39	50	15	5	48	48	43	58	73	15

Modular shaft extension

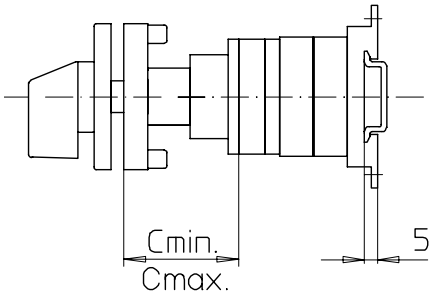




AVC2-.
for M200



AVE2-.
for T200



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension

Four hole mounting
Front

AVC2 - .
AVE2 - .

Modular shaft extensions for use with door interlock M200/T200

Dimensions C_{min}, C_{max}

No.	C_{min}	C_{max}	Quantity	Order code number for M200	Order code number for T200
0	42 mm	57 mm	-	-	-
1	64 mm	82 mm	1	**AVC2 - 1**	**AVE2 - 1**
2	89 mm	107 mm	1	**AVC2 - 2**	**AVE2 - 2**
3	114 mm	132 mm	1	**AVC2 - 3**	**AVE2 - 3**
4	139 mm	157 mm	1	**AVC2 - 4**	**AVE2 - 4**
5	164 mm	182 mm	1	**AVC2 - 5**	**AVE2 - 5**
6	189 mm	207 mm	1	**AVC2 - 6**	**AVE2 - 6**

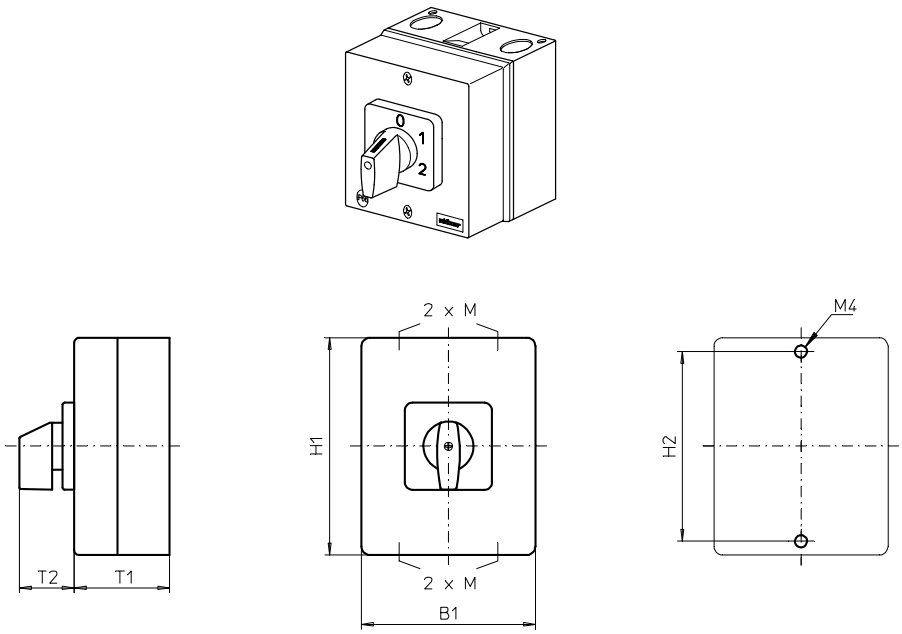
SMD Sälzer Modular Design

Section C

	Page from	to
Insulated Enclosures	**C1-1**	**C1-14**

Originator: Sälzer Electric GmbH · Product Data Management (PDM) · 09306 Rochlitz (Germany)
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Enclosed Switches



Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 65 mm

Cable entries
4 x M20

076M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947)			Order code number
			Operational current I_e	Operational power at 380–440 V		
			AC-21A A	AC-23A kW	AC-3 kW	
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 076M1**

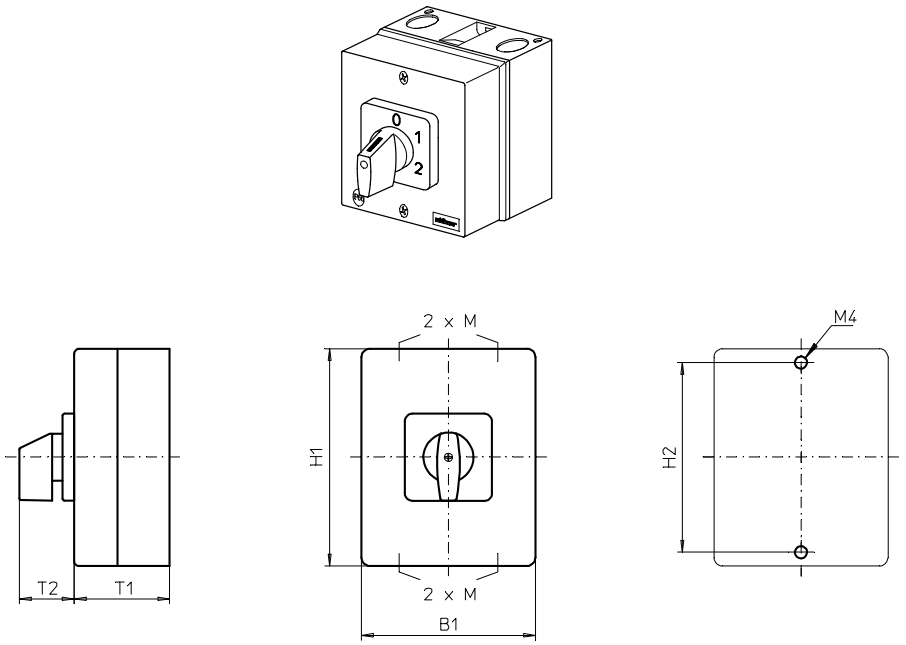
SMD modules for basic switch

Mounting form module for 076M1, 1 contact stage	M220	**BFE2 - EA**
Mounting form module for 076M1, 2 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 076M1		**PAM2 - 076M1**
Legend plate silver, enclosure module 076M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	65	32	20	90

Enclosed Switches



Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 85 mm

Cable entries
4 x M20

176M1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 176M1**

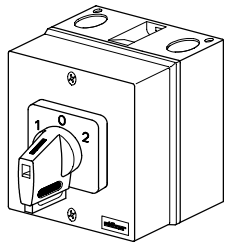
SMD modules for basic switch

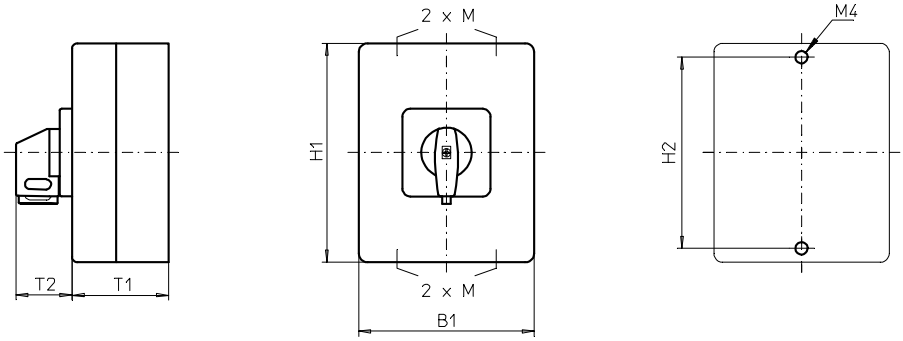
Mounting form module for 176M1, 3 contact stages	M220	**BFE2 - EA**
Mounting form module for 176M1, 4 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 176M1		**PAM2 - 176M1**
Legend plate silver, enclosure module 176M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	85	32	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 65 mm

Cable entries
4 x M20

076V1 (IP66)
078V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 076V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 078V1**

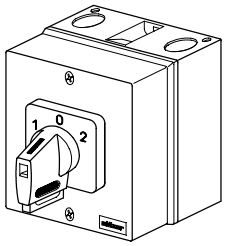
SMD modules for basic switch

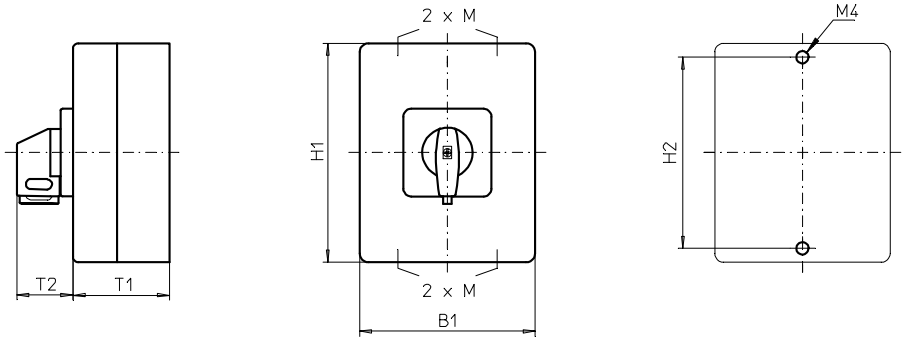
Mounting form module for 076V1/ 078V1, 1 contact stage	M220	**BFE2 - EA**
Mounting form module for 076V1/ 078V1, 2 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 076V1		**PAM2 - 076V1**
Enclosure module, mounting form 078V1		**PAM2 - 078V1**
Legend plate silver, enclosure module 076V1/ 078V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	65	32	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 85 mm

Cable entries
4 x M20

176V1 (IP66)
178V1 (IP66)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90° Padlockable 12h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 176V1**
Rotary Cam Switches Switching angle 90° 3 positions padlockable (09h/12h/03h)	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 178V1**

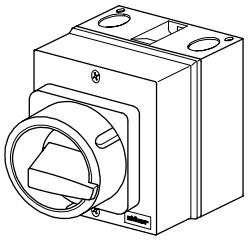
SMD modules for basic switch

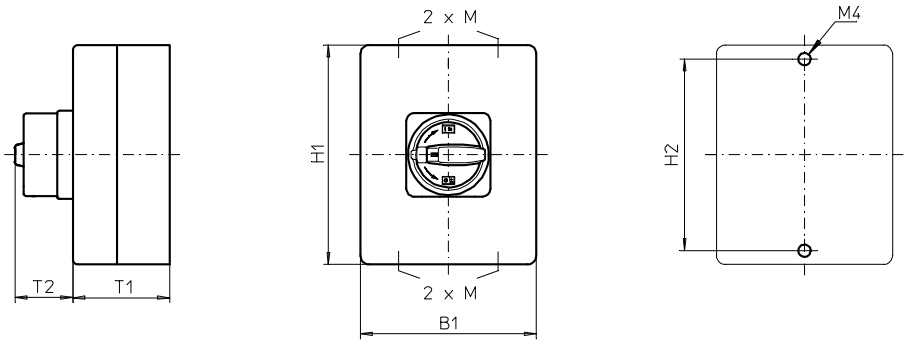
Mounting form module for 176V1/ 178V1, 3 contact stages	M220	**BFE2 - EA**
Mounting form module for 176V1/ 178V1, 4 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 176V1		**PAM2 - 176V1**
Enclosure module, mounting form 178V1		**PAM2 - 178V1**
Legend plate silver, enclosure module 176V1/ 178V1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	85	32	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 65 mm

Cable entries
4 x M20

077M1 **(IP66)**
077M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 09h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 077M1**
Main/Emergency-Off Switches OFF position padlockable 09h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 077M4**

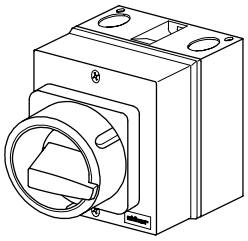
SMD modules for basic switch

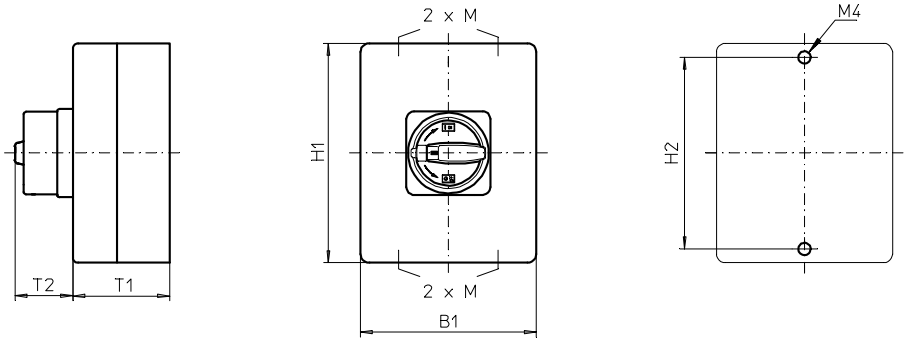
Mounting form module for 077M., 1 contact stage	M220	**BFE2 - EA**
Mounting form module for 077M., 2 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 077M1		**PAM2 - 077M1**
Enclosure module, mounting form 077M4		**PAM2 - 077M4**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	65	38	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 85 mm

Cable entries
4 x M20

177M1 **(IP66)**
177M4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 09h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 177M1**
Main/Emergency-Off Switches OFF position padlockable 09h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 177M4**

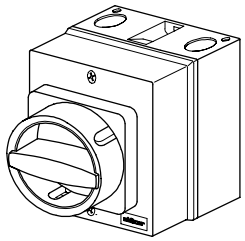
SMD modules for basic switch

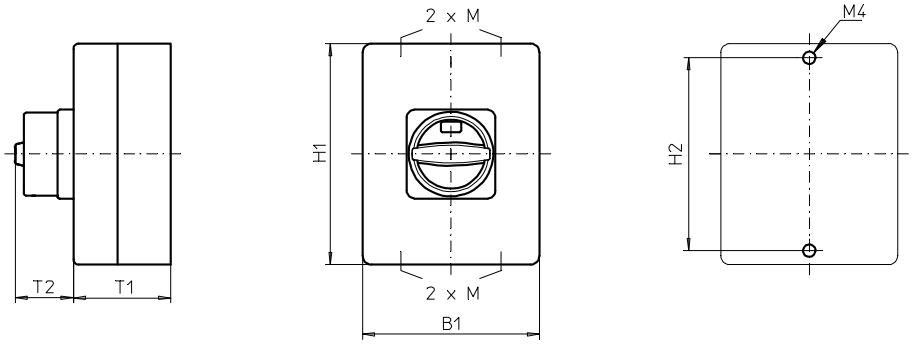
Mounting form module for 177M., 3 contact stages	M220	**BFE2 - EA**
Mounting form module for 177M., 4 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 177M1		**PAM2 - 177M1**
Enclosure module, mounting form 177M4		**PAM2 - 177M4**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	85	38	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 65 mm

Cable entries
4 x M20

077N1 **(IP66)**
077N4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 12h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 077N1**
Main/Emergency-Off Switches OFF position padlockable 12h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 077N4**

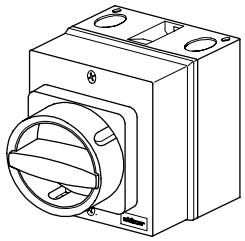
SMD modules for basic switch

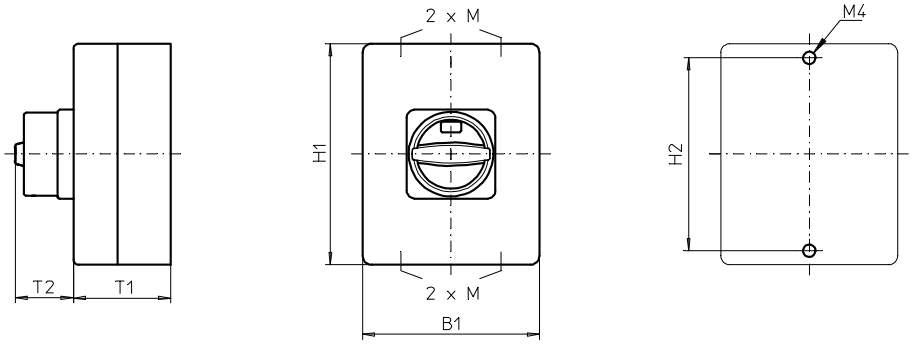
Mounting form module for 077N., 1 contact stage	M220	**BFE2 - EA**
Mounting form module for 077N., 2 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 077N1		**PAM2 - 077N1**
Enclosure module, mounting form 077N4		**PAM2 - 077N4**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	65	33	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 85 mm

Cable entries
4 x M20

177N1 **(IP66)**
177N4 **(IP66)**

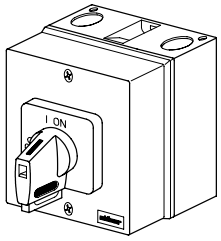
Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 12h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 177N1**
Main/Emergency-Off Switches OFF position padlockable 12h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 177N4**

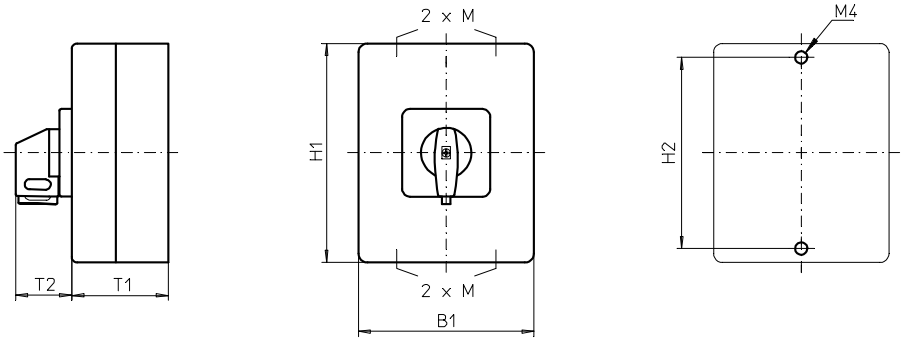
SMD modules for basic switch

Mounting form module for 177N., 3 contact stages	M220	**BFE2 - EA**
Mounting form module for 177N., 4 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 177N1		**PAM2 - 177N1**
Enclosure module, mounting form 177N4		**PAM2 - 177N4**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	85	33	20	90





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 65 mm

Cable entries
4 x M20

077V1 **(IP66)**
077V4 **(IP66)**

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 09h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 077V1**
Main/Emergency-Off Switches OFF position padlockable 09h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 077V4**

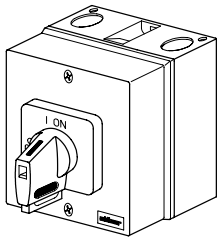
SMD modules for basic switch

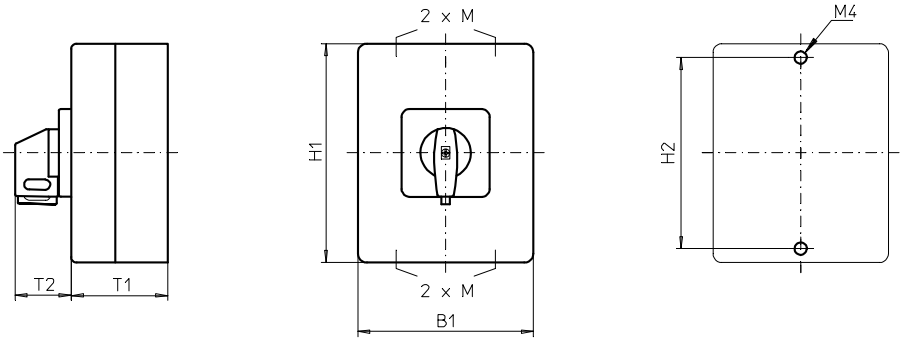
Mounting form module for 077V., 1 contact stage	M220	**BFE2 - EA**
Mounting form module for 077V., 2 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 077V1		**PAM2 - 077V1**
Enclosure module, mounting form 077V4		**PAM2 - 077V4**
Legend plate silver, enclosure module 077V1		**FAS2 - 9078**
Legend plate yellow, enclosure module 077V4		**FBS2 - 9078**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	65	32	20	90

Enclosed Switches





Product line
M200

Enclosed Switches

Insulated enclosure
100 x 80 x 85 mm

Cable entries
4 x M20

177V1 (IP66)
177V4 (IP66)

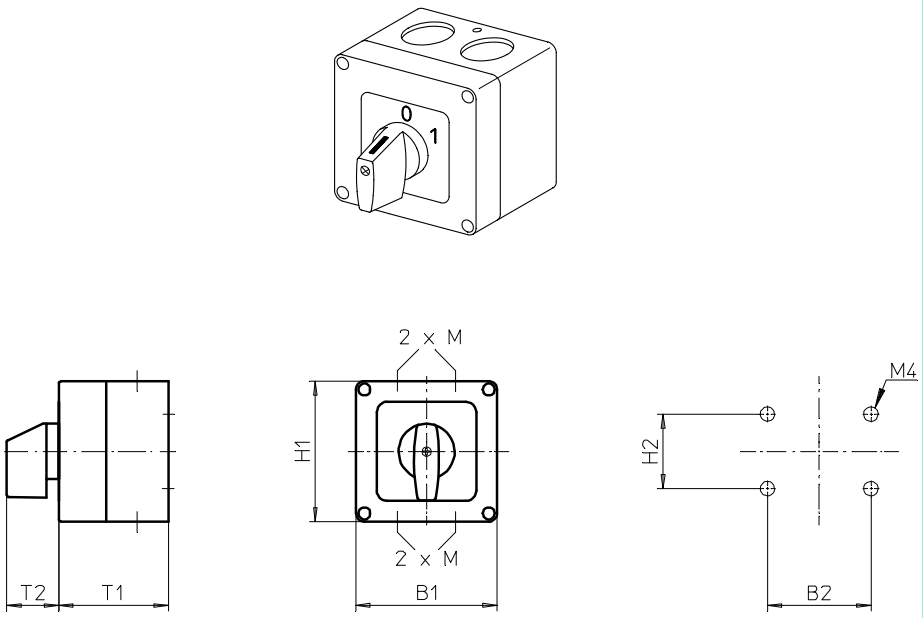
Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 09h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 177V1**
Main/Emergency-Off Switches OFF position padlockable 09h	5 ... 8	M200	20	7,5	5,5	**M220 - 61 ... - 177V4**

SMD modules for basic switch

Mounting form module for 177V., 3 contact stages	M220	**BFE2 - EA**
Mounting form module for 177V., 4 contact stages	M220	**BFF2 - EA**
Enclosure module, mounting form 177V1		**PAM2 - 177V1**
Enclosure module, mounting form 177V4		**PAM2 - 177V4**
Legend plate silver, enclosure module 177V1		**FAS2 - 9078**
Legend plate yellow, enclosure module 177V4		**FBS2 - 9078**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	85	32	20	90



Product line
M200

Enclosed Switches

Insulated enclosure
68 x 68 x 53 mm

Cable entries
4 x M16

107M1 (IP65)

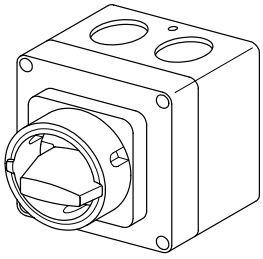
Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/45°/60°/90°	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 107M1**

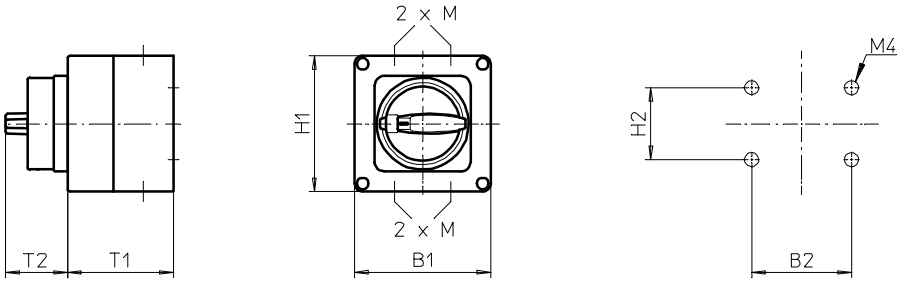
SMD modules for basic switch

Enclosure module, mounting form 107M1	M220	**PBM2 - 107M1**
Legend plate silver, enclosure module 107M1		**FAS2 - ....** (FA number)

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2	B2
M220	68	68	54	25	16	36	50





Product line
M200

Enclosed Switches

Insulated enclosure
68 x 68 x 53 mm

Cable entries
4 x M16

117M1 (IP65)
117M4 (IP65)

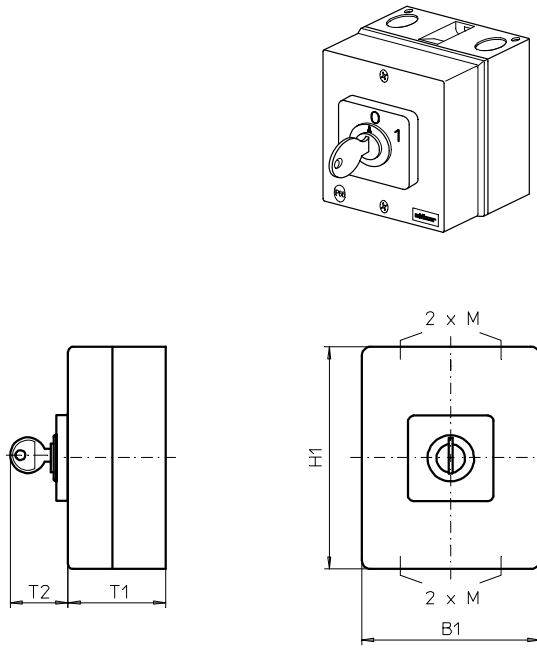
Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Main Switches OFF position padlockable 09h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 117M1**
Main/Emergency-Off Switches OFF position padlockable 09h	1 ... 4	M200	20	7,5	5,5	**M220 - 61 ... - 117M4**

SMD modules for basic switch

Enclosure module for mounting form 117M1	M220	**PBM2 - 117M1**
Enclosure module for mounting form 117M4	M220	**PBM2 - 117M4**

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2	B2
M220	68	68	54	31	16	36	50



Product line
M200

Insulated Enclosure Polycarbonate
100 x 80 x 65 mm (1 stage)

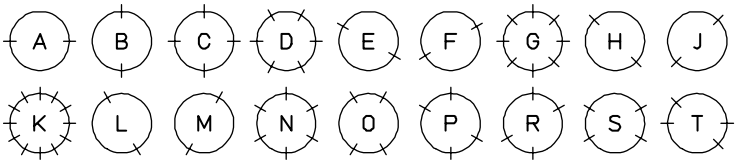
Cable entries
4 x M20

Key operated

K001. (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/ 45°/ 60°/ 90°	1 ... 2	M200	20	7,5	5,5	**M220 - 61 ... - K001.**

The dot in the order code number of the complete mounting form/operator module must be replaced by the classification letter which identifies the key removable positions:



Lines indicate the key removable positions.

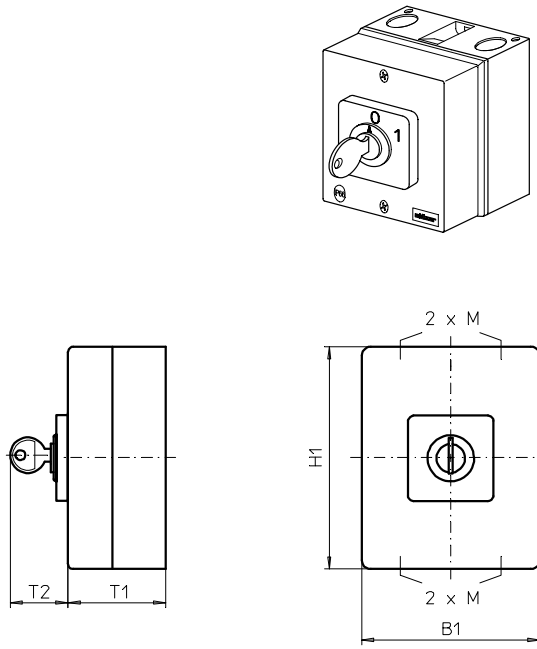
SMD modules for basic switch

Enclosure module, mounting form K001. for 1 stage	M220	**PAM2 - K**
Operator module 48 x 48 mm, mounting form K001. Escutcheon black, Ronis lock C001, 2 keys		**2AS1 - 001.**
Legend plate silver, operator module K001.		**FAS2 - ....** (FA number)

Further lock types and security lock on request.

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	65	33	20	90



Product line
M200

Insulated Enclosure Polycarbonate
100 x 80 x 85 mm (1-3 stages)

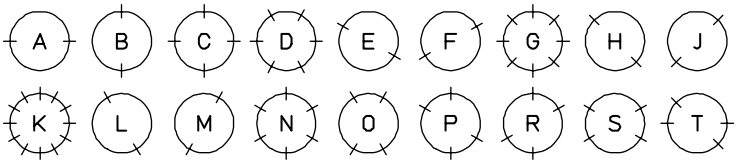
Cable entries
4 x M20

Key operated

E001. (IP40)

Complete switch	Poles	Product line	Rated data (IEC 60947) Operational current I_e AC-21A A	Operational power at 380–440 V AC-23A kW	AC-3 kW	Order code number
Rotary Cam Switches Switching angle 30°/ 45°/ 60°/ 90°	1 ... 6	M200	20	7,5	5,5	**M220 - 61 ... - E001.**

The dot in the order code number of the complete mounting form/operator module must be replaced by the classification letter which identifies the key removable positions:



Lines indicate the key removable positions.

SMD modules for basic switch

Enclosure module, mounting form E001. for 1-3 stages	M220	**PAM2 - E**
Operator module 48 x 48 mm, mounting form E001. Escutcheon black, Ronis lock C001, 2 keys		**2AS1 - 001.**
Legend plate silver, operator module E001.		**FAS2 - ....** (FA number)

Further lock types and security lock on request.

Dimensions (mm)

Product line	H1	B1	T1	T2	2xM	H2
M220	100	80	85	33	20	90

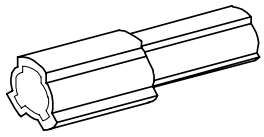
SMD Sälzer Modular Design

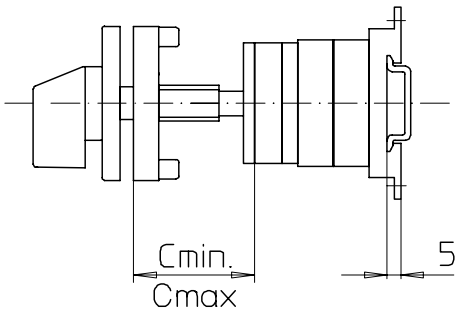
Section D

	Page from	to
Shaft extensions	D1-1	D1-2
Additional top escutcheon plates	D2-1	D2-2
Assembly tool	D3-1	D3-1

Originator: Sälzer Electric GmbH · Product Data Management (PDM) · 09306 Rochlitz (Germany)
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Accessories





Product lines
M200 / T200

Base mounting switch

Door clutch
Modular shaft extension

Four hole mounting
Front

AVD2

Modular shaft extensions for use with door clutch

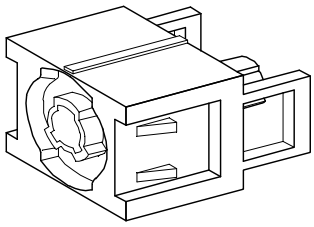
Dimensions C_{min}, C_{max}

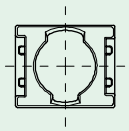
No.	C_{min}	C_{max}	Quantity	Order code number
0	42 mm	59 mm	-	-
1	60 mm	84 mm	1	AVD2
2	85 mm	109 mm	2	AVD2
3	110 mm	134 mm	3	AVD2
4	135 mm	159 mm	4	AVD2
5	160 mm	184 mm	5	AVD2
6	185 mm	209 mm	6	AVD2

Product lines M200 / T200
AVD2 is suitable to extend the shaft:

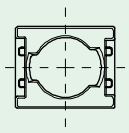
48 x 48 mm Base mounting	Base mounting Snap on mounting
031M1/ 031M4	231M1/ 231M4
032M1/ 032M4 032N1/ 032N4 032V1/ 032V4	232M1/ 232M4 232N1/ 232N4 232V1/ 232V4
037M1/ 037M4 037N1/ 037N4 037V1/ 037V4	237M1/ 237M4 237N1/ 237N4 237V1/ 237V4
041M1	241M1
046V1/ 047V1	246V1/ 247V1
047M1	247M1

Accessories

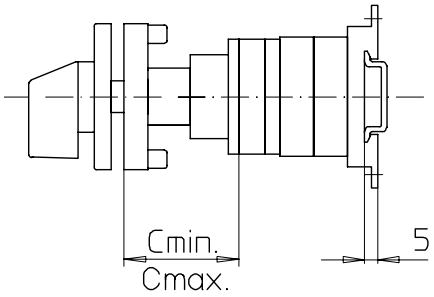




AVC2-.
for M200



AVE2-.
for T200



Product lines
M200 / T200

Base mounting switch

Door interlock
Modular shaft extension

Four hole mounting
Front

AVC2 - .
AVE2 - .

Modular shaft extensions for use with door interlock M200/T200

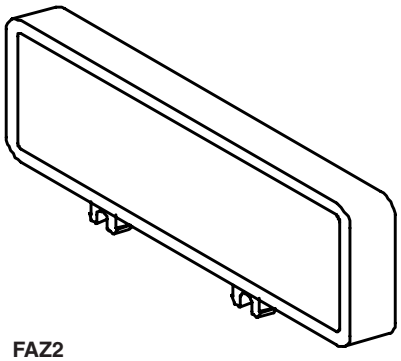
Dimensions C_{min}, C_{max}

No.	C_{min}	C_{max}	Quantity	Order code number for M200	Order code number for T200
0	42 mm	57 mm	-	-	-
1	64 mm	82 mm	1	AVC2 - 1	AVE2 - 1
2	89 mm	107 mm	1	AVC2 - 2	AVE2 - 2
3	114 mm	132 mm	1	AVC2 - 3	AVE2 - 3
4	139 mm	157 mm	1	AVC2 - 4	AVE2 - 4
5	164 mm	182 mm	1	AVC2 - 5	AVE2 - 5
6	189 mm	207 mm	1	AVC2 - 6	AVE2 - 6

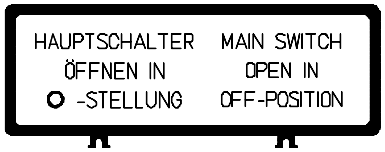
Product lines M200 / T200
AVC2 - . / AVE2 - . is suitable to extend the shaft:

48 x 48 mm Base mounting	Base mounting Snap on mounting
034M1/ 034M4 034N1/ 034N4 034V1/ 034V4	234M1/ 234M4 234N1/ 234N4 234V1/ 234V4
038M1/ 038M4 038N1/ 038N4 038V1/ 038V4	238M1/ 238M4 238N1/ 238N4 238V1/ 237V4
042M1 042V1/ 043V1	242M1 242V1/ 243V1
048M1 048V1/ 049V1	248M1 248V1/ 249V1
135M1/ 135M4	235M1/ 235M4

Accessories



FAZ2
Escutcheon frame plate black
(without legend plate)



FAZ2 - 8041

Product lines
M200 / T200

Additional top escutcheon plates

to put on escutcheons and padlock devices (also in connection with enclosures)

FAZ2 - . . . .

Additional top escutcheon plates
with additional inscription to be clipped on the escutcheon and padlock devices

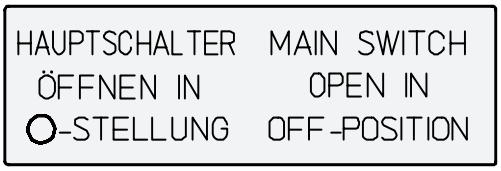
Escutcheon frame plate black, legend plate silver, without inscription (can be engraved)	**FAZ2 - 8000**
Escutcheon frame plate black, legend plate silver, inscription FA 8...*	**FAZ2 - 8 . . .**
Escutcheon frame plate black, legend plate silver, special engraving	**FAZ2 -** (special no.)
Escutcheon frame plate black, legend plate yellow, without inscription (can be engraved)	**FBZ2 - 8000**
Escutcheon frame plate black, legend plate yellow, inscription FA 8...*	**FBZ2 - 8 . . .**
Escutcheon frame plate black, legend plate yellow, special engraving	**FBZ2 -** (special no.)
Escutcheon frame plate black (without legend plate)	**FAZ2**

Legend plates

Legend plate silver without inscription (can be engraved)	**FAS2 - 8000**
Legend plate silver, inscription FA 8...*	**FAS2 - 8 . . .**
Legend plate silver, special engraving	**FAS2 -** (special no.)
Legend plate yellow without inscription (can be engraved)	**FBS2 - 8000**
Legend plate yellow, inscription FA 8...*	**FBS2 - 8 . . .**
Legend plate yellow, special engraving	**FBS2 -** (special no.)

* inscription FA 8... see next page

Accessories



Example: Legend plate silver **FAS2 - 8041**
for top escutcheon plate FAZ2-8041

Product lines
M200 / T200

Legend plates
for additional top escutcheon plates

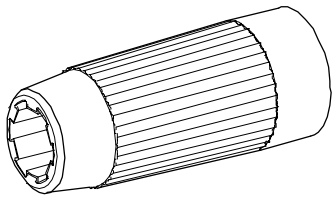
FAS2 - 8 . . .
FBS2 - 8 . . .

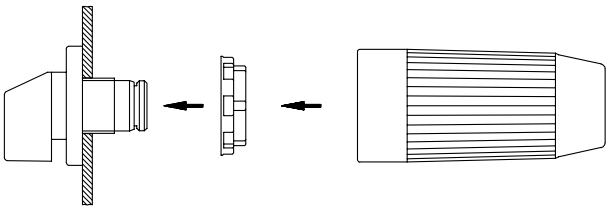
Legend plates for additional top escutcheon plates

Legend plate silver, without inscription (can be engraved)	**FAS2 - 8000**
Legend plate silver, inscription FA 8...	**FAS2 - 8 . . .**
Legend plate silver, special engraving	**FAS2 -** (special no.)
Legend plate yellow without inscription (can be engraved)	**FBS2 - 8000**
Legend plate yellow, inscription FA 8...	**FBS2 - 8 . . .**
Legend plate yellow, special engraving	**FBS2 -** (special no.)

Legend plates, inscription FA 8...

FA 8000	HAUPTSCHALTER FA 8001	MAIN SWITCH FA 8002	NETZSCHALTER FA 8003	WAHLSCHALTER FA 8004	SELECTOR FA 8005
BETRIEBSART FA 8006	ISOLATOR FA 8007	GLEISWAHL FA 8008	STEUERUNG FA 8009	FEIN FA 8010	GROB FA 8011
PUMPE FA 8012	NOT-AUS FA 8013	SYNCHRONIZING FA 8014	WATTMETER FA 8015	AMMETER FA 8016	VOLTMETER AMMETER FA 8017
VOLTMETER FA 8018	MOTOR CONTROL FA 8019	HEIZUNG FA 8021	KEUZESCHAKELAAR FA 8023	SCHWEISSEN FA 8024	GLÄTTUNG FA 8025
EMERGENCY OFF FA 8026	TURVAKYTKIN FA 8027	HAUPTSCHALTER NUR IN STELLUNG **O** ÖFFNEN FA 8028	MAIN SWITCH OPEN ONLY IN POSITION "OFF" FA 8029	INTERRUTTORE GENERALE ARRIRE SOLO MANUPOLA SU **ZERO** FA 8030	INTERRUPTEUR PRINCIPAL OUVRIR EN POSITION **O** SEULEMENT FA 8031
VOLTIMETRO FA 8032	AMPERIMETRO FA 8033	VATIMETRO FA 8034	CONTROL FA 8035	BOMBA FA 8036	INTERRUPTOR FA 8037
CALEFACCION FA 8038	HOOFDSCHAKELAAR ALLEEN IN **O** - STAND OPENEN FA 8039	INTERRUPTOR PRINCIPAL ABRIR SOLO EN POSICION **O** FA 8040	HAUPTSCHALTER ÖFFNEN IN **O**-STELLUNG / MAIN SWITCH OPEN IN OFF-POSITION FA 8041	**DANGER** ISOLATE MAIN SUPPLY BEFORE REMOVING COVER FA 8042	HUVUDBRYTARE FA 8044





Product lines
M200 / T200

Assembly tool

for switches with
Single hole mounting
ø 22,5 mm and ø 30,5 mm

218098

Assembly tool

Suitable for a **fast assembly of the single hole mounting** together with escutcheon / padlock device resp. door clutch / door interlock on mounting forms:

203V1
204M1, 204V4
205M1, 205M4
206M1, 206M4

206N1, 206N4
206V1, 206V4
208M1
209M1

213V1
214M1, 214V1
215V1, 215V4
215M1, 215M4

216M1, 216M4
216N1, 216N4
216V1, 216V4
218M1

219M1
226V1, 226V4

SMD Sälzer Modular Design

Faster deliveries through SMD

In order to ensure even greater flexibility for worldwide supply availability within 24h, Sälzer Electric has introduced the SMD (Sälzer Modular Design) system.

SMD modules are individually prefabricated and tested all-in-one modules which SMD Service holds in stock in sufficient quantities. From basic switch modules, mounting form modules and operator modules, SMD Service can assemble a complete switch requested by the customer and pack it ready for delivery in just a few actions.

– back –