Product Specification Sheet

Simrad AC70 Autopilot Computer

SKU: SIM-000-10186-001 Manufacturer part: 000-10186-001

Compiled by Common Ground from the supplied, source-linked Simrad research. Not a manufacturer-issued datasheet. Specifications apply only to the stated model or component.

Computer board/context
AC70 computer contains the AC70 board; it is a bulkhead-mounted autopilot computer, distinct from the FU80/NF80/QS80 remotes.

Supply/consumption
12/24 V DC +30/-10%; 100/65 mA at 12/24 V DC plus load of connected equipment (motor, solenoids, clutch, etc.). Requires 12 V CAN supply.

CAN/NMEA 2000
NMEA 2000 load equivalent number 1 (50 mA); no CAN-bus supply output listed for AC70.

Rudder/thruster output
Reversible motor control maximum continuous 30 A, peak 50 A for 1 second; on/off solenoid control 12/24 V DC common-low, 10 mA to 10 A, off state <1 mA; engage output 12/24 V DC, 10 mA to 3 A.

Environment/mechanical
-15 to +55 C operating; -30 to +70 C storage; protected IPx2; 1 kg (2.2 lb); compass-safe distance 1 m; bulkhead mounting.

Dimensions
211 x 197 x 80 mm overall drawing envelope (8.29 x 7.77 x 3.15 in); drawing also shows 185/180/48/60 mm mounting-related dimensions.

Sources
https://cxjdfr.files.cmp.optimizely.com/download/assets/en-us-AC70_IG_988-10472-001_w.pdf/e179b968045f11f09eb4baecc01b2173

Electrical ratings and physical dimensions are not shipping-package measurements. Kit specifications may describe an included component, not the entire kit.