AC POWER DISTRIBUTION UNIT
A3000-8: 8 POSITION

The AC Power Distribution Unit provides up to 8 remotely controlled hydraulic magnetic circuit breakers that can be mounted virtually anywhere in the vessel. AC circuit breakers are available from 1 to 50 amps. The AC unit provides remotely controlled ON/OFF/RESET functions via NMEA2000® CAN bus. Each breaker can also be manually actuated. The maximum current capacity of this unit is 50 Amps.

Product Highlights:
- 50 Amps Maximum Capacity
- Remote Actuation of Breakers
- CAN BUS Communication

*Manufacturer reserves the right to change product specification without prior notice. Please refer to our website for the latest details.
General Specifications

Electrical
Operating Voltage, Power Input
(Single Phase) 120VAC; Euro 230VAC
(Split Phase) 120/240VAC
CAN Bus Operating Voltage 9 VDC – 16 VDC, 15 VDC Nominal
Load Equivalence Number 2

Mechanical
Dimensions 12.36” X 11.63” X 4.98”
CAN Bus Connectors Two (2) Micro-C Male
CAN A Bus LED Indicator Green / Red
CAN B Bus LED Indicator Green / Red
MAIN Power In Indicator Green (3)
MAIN Power Out Indicator Green (3)
Mounting Holes 4 each
Orientation Vertical Position (not flat)

Certifications
NMEA 2000 Category B
Lloyd’s Register Lloyd’s Type Approved, Test Specification #1, Env 2
CE IEC 60533 Electrical and Electronic Installations in Ships
IEC 60945 Maritime Navigation and Radio Communication Equipment and Systems

Environmental
Radiated, RF Field Immunity IEC-61000-4-3
Electrical Fast IEC 61000-4-4
Transient/Burst Immunity IEC 61000-4-5
Voltage Surge Immunity IEC 61000-4-6
Conducted, Immunity IEC 61000-4-6
Conducted Emissions IEC 60945
Voltage Variation Immunity IEC 61000-4-11
Conducted LF Immunity IEC 61000-4-16
ESD Immunity IEC-61000-4-2
Insulation Resistance IEC-60092-504
Operating Temperature -40°C to +55°C
Storage Temperature -40°C to +55°C
Vibration IEC-60068-2-6 Test Fc
Temperature Cycle IEC 60068-2-30 Test Db
Humidity IEC 60945
Corrosion IEC 60945
Weight with breakers 16 lbs. (7.25 kg)
**Dimensional Specifications:** in. [mm]

8 Circuit AC Power Distribution Unit
*A3000-08-*

Mounting Dimensions shown in Blue represented underneath cover.
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