

Ship/shore connectors feature a rugged design engineered for quick, easy and safe connect and disconnect of docked ships to shore generated power. Ship/shore connectors meet MIL-C-24368 and are able to handle currents up to 500A per phase, continuous.

Designed to prevent contact misalignment, ship/shore receptacles use a strain relief with an interlocking safety switch. Contacts have a low insertion force, short engagement distance and low contact resistance, making connect/disconnect quick and easy.

Features:

- Meets MIL-C-24368 in both the properly mated and unmated conditions
- Optional built-in power shut-off switch can withstand most harsh operating conditions
- Easily to replace contacts in the field
- Fits 400 or 500 MCM cable sizes
- Polarized to prevent cross-phasing
- Resists rain, humidity and salt spray, sunlight, frost and ice
- Reinforced ribbed receptacle housing
- Available in molded, potted to cable or field attachable plug and receptacle with a variety of cable terminations

Certifications and compliances:

- Meets MIL-C-24368 in both the properly mated and unmated conditions
- Receptacle withstands vibration Type I of Mil-Std-167
- Receptacle withstands shock Type A, Grade A, Class I of Mil-S-901C

Electrical ratings:

- Three-phase
- Current rating: 0 through 500 amperes
- Voltage rating: 500V
- Available with three bussed contacts

Temperature ratings:

- -55°C to +80°C (-67°F to 185°F)

Ordering information:

Custom assemblies are available through the Engineered to Order products group; please contact SYR-ETO-RFQ@eaton.com

Receptacle assemblies

Cat. #	Military spec.	Cable size (MCM)	Switches	Current rating
X8999-39	M24368/2	400	1	400A
X8999-40	M24368/2	400	None	400A
X8999-41	M24368/2	500	1	500A
X8999-42	M24368/2	500	None	500A
X8999-43	M24368/2	400	2	400A
X8999-44	M24368/2	500	2	500A

Plug assemblies

Cat. #	Military spec.	Cable size (MCM)
X8999-1	M24368/1-001	400
X8999-2	M24368/1-002	500



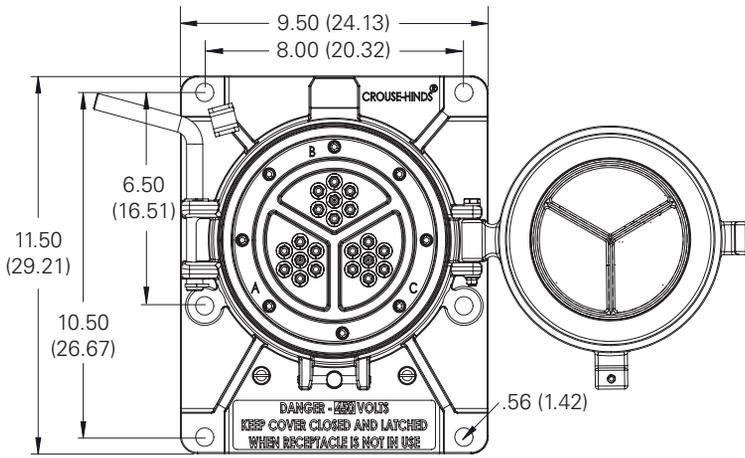
Plug assembly



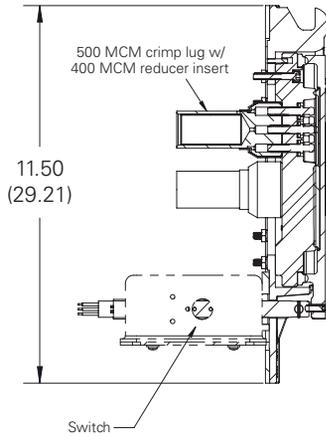
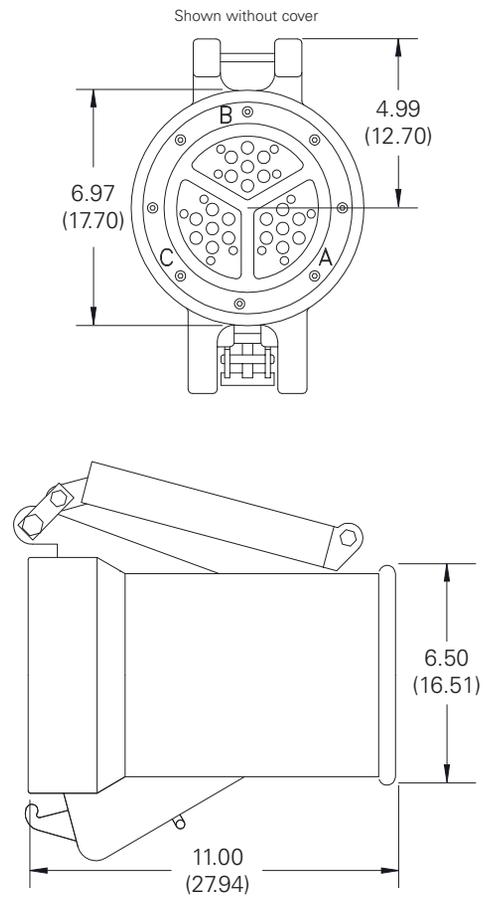
Receptacle assembly

^ARight angle receptacles and other options available; consult factory for additional information.

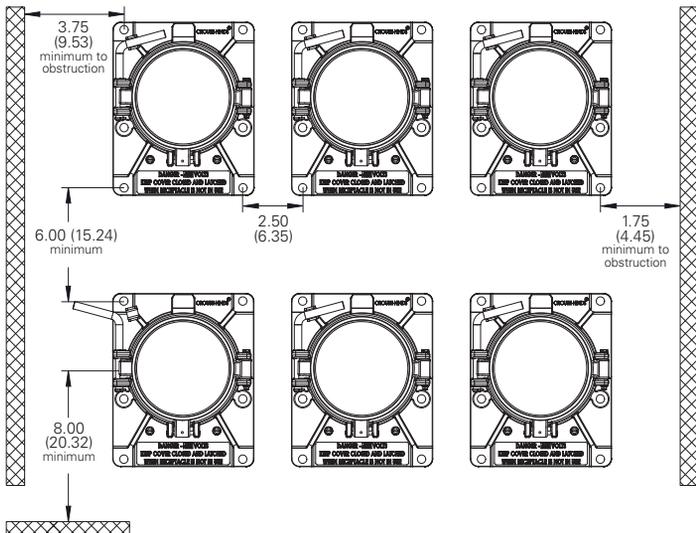
Dimensions – receptacle assembly:



Dimensions – plug assembly:



Mounting requirements:



10P