

MS/Standard Cylindrical, cont.

AC Threaded Series

Reference Catalog 12-025



AC Threaded

NOTE: The previous AC-B Bayonet series is replaced by the new ACA-B Reverse Bayonet series (see below). For availability of the AC-B series, consult Amphenol Industrial Operations.

OPTIONAL FEATURES

- 5 shell styles with 275 insert patterns
- Variety of conductive and non-conductive platings including non-cadmium.
- Variety of backend accessories, including PG adapters and cable clamps for use with jacketed cable.

APPLICATION

AC Series Threaded Modification of MIL-C-5015 connector family, designed for industrial applications. General duty, environmentally resistant.

STANDARDS/ REQUIREMENTS

Dimensions, styles and performance equate to MIL-C-5015 and the 97 Series. Class A: general duty. Class E or F: environmental for use with a wire bundle. Class PGA or PGR: Environmental for use with jacketed cable.

COUPLING/ MOUNTING

AC Series is threaded coupling.

CONTACT TERMINATION

Crimp or solder termination.

PERFORMANCE ENVIRON./ELECT.

Operating temp. from -55°C to $+125^{\circ}\text{C}$. Resilient inserts provide high dielectric strength and moisture barrier. Operating voltage to 3000 VAC (RMS) at sea level.

MARKETS

- Process Control
- Sensors
- Test and Measurement

ACA-B Series, Reverse Bayonet

Reference Catalog 12-027



APPLICATION

ACA Series Modification of MIL-C-5015 connector family, developed for industrial usage and performs in the most rugged environments. Is interchangeable with existing VG95234 connectors

STANDARDS/ REQUIREMENTS

Manufactured in accordance with MIL-C-5015 and VG95234. Classes E, F and R are environmental resisting.

COUPLING/ MOUNTING

ACA series is reverse bayonet coupling (quick mating, audible, visual and tactile full mating indicators). Rated to 500 couplings min.

CONTACT TERMINATION

Crimp or solder termination.

PERFORMANCE ENVIRON./ELECT.

Operating temp. from -55°C to $+125^{\circ}\text{C}$. Resilient inserts provide high dielectric strength and moisture barrier. Operating voltage to 3000 VAC (RMS) at sea level.

OPTIONAL FEATURES

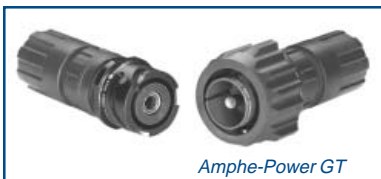
- 7 shell styles offered with a comprehensive selection of MIL-C-5015 insert arrangements and accessory hardware to accommodate heavy duty, commercial wire and cable.
- Additional Class G has backshell for heat shrink termination.
- Available in aluminum or stainless steel shells with a variety of finishes.
- Inserts available in Neoprene material with alternate materials upon request.

MARKETS

- Automation, Machine Tool, Robotics
- Process Control, Material Handling
- Test and Measurement
- Military Vehicles

Amphe-Power™ GT, Amphe-Power™ 5015 (AC)

Reference Brochure SL-391



Amphe-Power GT



Amphe-Power 5015 AC

APPLICATION

High amperage capability connectors designed for the most demanding industrial and transportation applications. Amphe-Power GT designation: GT()RDS Amphe-Power AC designation: AC()R() designation

STANDARDS/ REQUIREMENTS

GT and 5015 (AC) connectors enhanced with RADSOK contacts (hyperbolic, stamped grid configuration within the socket) that handle up to 150% higher amperages than standard contacts.

COUPLING/ MOUNTING

Amphe-Power GT is reverse bayonet coupling. Amphe-Power 5015 is threaded coupling.

CONTACT TERMINATION

Crimp termination. RADSOK contacts, available in size 8 (69 amps), size 4 (120 amps), and size 0 (250 amps). For RADSOK contact advantages, see page 79.

PERFORMANCE ENVIRON./ELECT.

Amphe-Power connectors are all 5015 type performance. Operating temp. from -55°C to $+125^{\circ}\text{C}$. GT and 5015 styles are IP67 similar performance in environmental versions. Current Amphe-Power lines support from 50A to over 500A continuous duty.

OPTIONAL FEATURES

- Most shell styles available in GT family and in AC 5015 threaded family are also available in the Amphe-Power Series.
- Also see Composite Amphe-GTR on next page.
- Amphe-Power Connector family also includes P-Lok series with RADSOK contacts (see next page).
- Hybrid arrangements with RADSOK and power contacts tailored to meet customer needs.

MARKETS

- Power Generation, Petro-Chemical
- Mass Transportation