

Heavy Duty Cyl., Star-Line®, Star-Line EX®, Star-Lok®, ARC

Pyle Star-Line®

Reference Catalog 12-054



APPLICATION	STANDARDS/REQUIREMENTS	COUPLING/MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Heavy duty, environmental cylindricals for high amperage and high density control and instrumentation applications. Rugged, double lead threaded. <u>ZP/ZR designations.</u>	Equals or exceeds MIL-C-5015 E and R specifications. UL listed and CSA listed for circuit breaking capability.	Double lead Acme threads provide complete coupling in one turn of the coupling nut, and do not clog under adverse weather conditions. Large wiring space provided in cable housings and conduit fitting bodies.	Solder, crimp and pressure terminals. Circuit breaking power and control types.	Operating temp. from -67°F to +257°F. IP67 rating for environmental sealing. Hard anodic coating provides dielectric strength with heat and corrosion resistance. Up to high amperage of 1135 amps at 1000VAC or DC rating available.

OPTIONAL FEATURES

- 5 shell styles with over 150 insert patterns.
- 3 retention styles with captive contacts or insertable/removable contacts.
- Contact inserts and adapters are interchangeable and reversible to suit special needs.
- Thermocouple contacts available.
- Variety of backend accessories including basketweave cable grips, straight or angled adapters, and receptacle mounted to junction boxes.

STAR-LOK® SERIES ALSO AVAILABLE. Reference Catalog 12-054.

- High power and rugged features of the Star-Line series, but with spring loaded reverse bayonet coupling.
- Same choices of inserts, contacts and hardware as Star-Line.
- Solder, crimp and pressure terminals. Circuit breaking power and control types.


MARKETS

- Mass Transportation
- Oil Exploration & Production Equip.
- Automotive Tooling
- Motor Operated Valves
- Co Generation Equip.

Pyle Star-Line EX®

Reference Catalog 12-054



APPLICATION	STANDARDS/REQUIREMENTS	COUPLING/MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
Heavy duty, environmental cylindricals for high power applications with harsh/potentially explosive environments. Rugged, double lead threaded. <u>EX designations.</u>	Hybrid form of the Star-Line series with higher temperature ranges. Cenelec Certified for use in Zone 1-IIC hazardous environment.  EX Certificate #03ATEX 1101X	Double lead Acme threads provide complete coupling in one turn of the coupling nut, and do not clog under adverse weather conditions. Large wiring space provided in cable housings and conduit fitting bodies.	Solder, crimp and pressure terminals. Circuit breaking power and control types.	Operating temp. from -65°C to +257°C. IP67 rating for environmental sealing. Hard anodic coating provides dielectric strength with heat and corrosion resistance. Up to high amperage of 1135 amps at 1000VAC or DC rating available.

OPTIONAL FEATURES

- 5 shell styles with same insert patterns of Star-Line series.
- Variety of backend accessories including basketweave cable grips, straight or angled adapters, and receptacles mounted to junction boxes.
- Can be terminated onto unarmored or armored and sheathed cables built to several popular standards. Custom cable assemblies available.

MARKETS

- Mass Transportation
- Aircraft Refueling Pits
- Petro-chemical
- Pharmaceutical Mfg. Equip.
- Off-shore oil drilling
- Automotive paint booths

ARC Series Connectors

Consult your local Amphenol sales office for further information.



APPLICATION	STANDARDS/REQUIREMENTS	COUPLING/MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
ARC Series 5015 type connector with 38999 Series III type coupling.	Same electrical characteristics as 5015 standard product but offered with rugged ratched double start stub threads.	Ratched double-start stub coupling threads eliminate mis-mating and provides easy cleaning.	Crimp or solder termination.	Operating temp. from -55°C to +125°C. Elastomeric 5015 low-smoke flame-retardant inserts. IP67 performance in environmental versions. Operating voltage to 3000 VAC (RMS) at sea level.

OPTIONAL FEATURES

- 4 shell styles with all 5015 patterns available.
- Supplied with low smoke halogen inserts, but also can be supplied with standard 5015 inserts.
- Variety of backend accessories are available for all styles of cable and conduit.
- Variety of cable strain relief options including over-molding and heat shrink boots.
- RADSOK sockets are available.

MARKETS

- Rail Mass Transit
- Process Control
- Machine Tool