

Applications:

Ark-Gard ENC connectors:

- Make it safe and easy to bring power wherever it is needed
- Provide versatility for making cordsets for connecting portable devices in both hazardous and non-hazardous locations

Hazardous ENC connectors are used:

Standard maintenance or plant turnarounds to provide power connections for:

- Portable hand lamps for visual inspections
- Portable light fixtures for general illumination
- Portable hand tools such as saws or grinders

Standard operation to provide a means of quick disconnect to move or disassemble equipment, such as:

- Motor generator units
- Portable control rooms
- Pumps and motors

Common applications include:

- Refineries
- Chemical plants
- LNG facilities
- Wastewater treatment facilities
- Drilling and exploration

Certifications and compliances:

- Class I, Groups B, C, D
- Class II, Group G, Coal Dust
- Class III
- NEMA 3R, Weatherproof
- NEC Article 501.140 compliance
- CSA C22.2 No. 159M

Standard materials:

- Connector bodies – high impact strength copper-free aluminum
- Insulation – fiberglass-reinforced polyester
- Contacts – receptacle blade: brass; receptacle switch: silver; plug: brass

Standard finishes:

- Aluminum – natural
- Fiberglass-reinforced polyester – red

Options:

Description

- Corro-free epoxy powder finish for added corrosion resistance









Suffix

S752

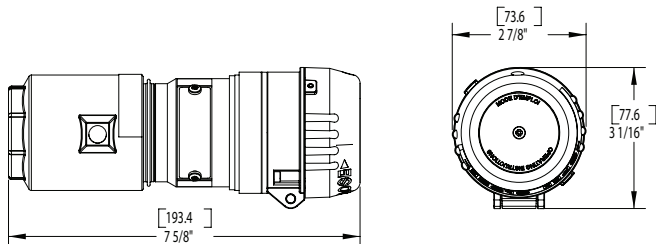
Electrical ratings:

- 15 and 20 amperes, 125 and 250 VAC

Ordering information:

Rating	Cord range	Cat. # Connector	NEMA configuration	Cat. # Plug	NEMA configuration
15A, 125V	0.39 - 1.20"	ENC5151 CAN	 5-15R	ENP5151	 5-15P
15A, 250V	0.39 - 1.20"	ENC6152 CAN	 6-15R	ENP6152	 6-15P
20A, 125V	0.39 - 1.20"	ENC5201 CAN	 5-20R	ENP5201	 5-20P
20A, 250V	0.39 - 1.20"	ENC6202 CAN	 6-20R	ENP6202	 6-20P

Dimensions (in inches):



FEATURES AND BENEFITS

Uni-Shell handle body:

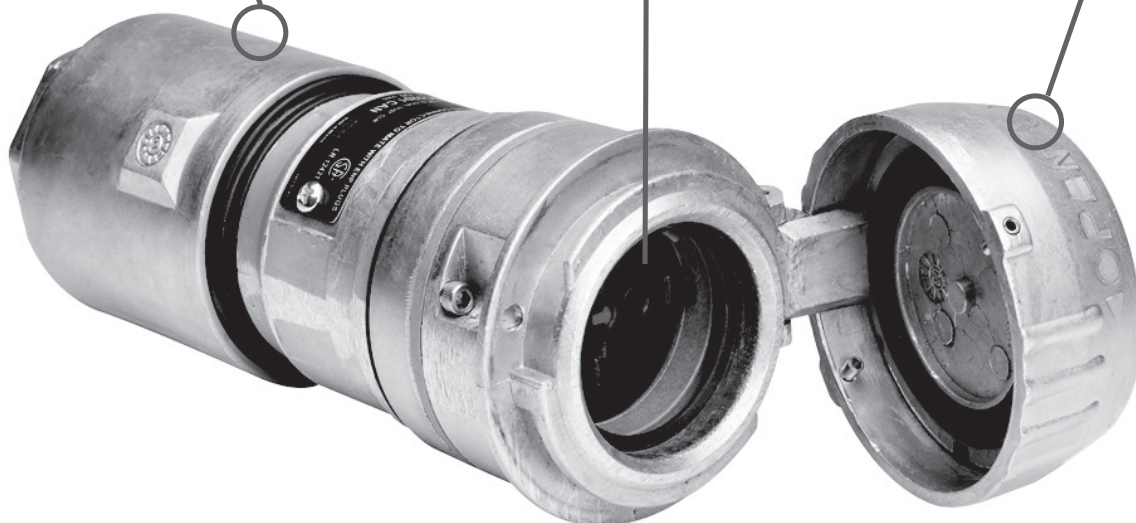
- Provides a smooth, durable external surface that prevents the connector from getting snagged on equipment or other cables

Spring-loaded sliding key offers increased safety:

- Rejects standard NEMA/EEMAC configuration plugs that could cause an arc in a hazardous area
- Prevents the face plate from being rotated until the ENP plug is fully inserted

Increased environmental reliability with hinged locking cover:

- Provides weather protection in damp, wet and dirty locations
- Cover stays closed until connection with ENP plug is required



Plug gaskets:

- Two gaskets cover the entire range of cable diameters, reducing risk of improper assembly
- Gasket ratchets into Tri-Lock cable grip to prevent connector from turning or loosening



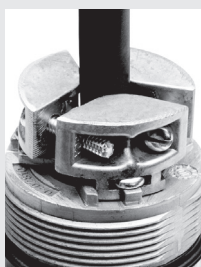
Improved safety with integral lockout/tagout:

- Eliminates risk of operator or contractor plugging in process equipment when conditions are unsafe



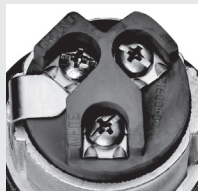
Increased safety with captive Tri-Lock design:

- Three points of contact prevent pinching of cables that could damage internal conductors or cable jacket
- Captive screws prevent critical components from getting lost during installation



Saddle clamp terminals:

- Increased safety with easy-to-terminate connection points for reliable conductor terminations



**Mates with
Eaton's Crouse-Hinds
series frustration-free
ENP plug**



Snap-in internal insulator:

- Increases safety of personnel with intermediate insulator between conductors and metallic outer shell

