

ENC Connector:

- This ENC connector makes it safe and easy to bring power wherever it is needed. It provides versatility for making cord sets for connecting portable devices in both hazardous and non-hazardous locations

Applications:

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:

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

Standard Materials:

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

Standard Finishes:

- Aluminum – natural
- Fiberglass-reinforced polyester - red









Options:

Description	Suffix
• Corro-free™ epoxy powder finish for added corrosion resistance	S752

Electrical Rating Ranges:

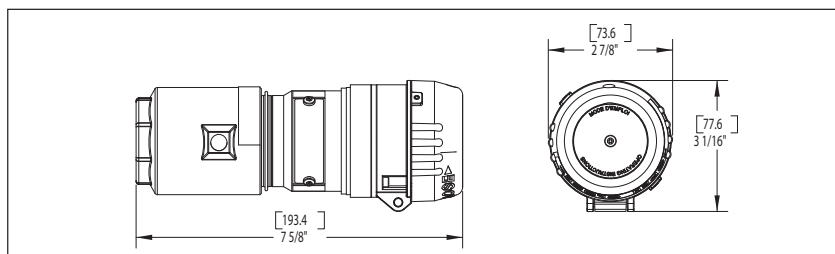
- 15 Amp and 20 Amp
- 125 VAC and 250 VAC

Ordering Information:

15A/20A Rating	Cord Range	Connector Cat. #	NEMA Config.	Plug Cat. #	NEMA Config.
15 Amp 125 Volt	0.39-1.20	ENC5151 CAN	 5-15R	ENP5151	 5-15P
15 Amp 250 Volt	0.39-1.20	ENC6152 CAN	 6-15R	ENP6152	 6-15P
20 Amp 125 Volt	0.39-1.20	ENC5201 CAN	 5-20R	ENP5201	 5-20P
20 Amp 250 Volt	0.39-1.20	ENC6202 CAN	 6-20R	ENP6202	 6-20P

Dimensions

In Inches:



2P Ark•Gard® ENC Connectors

Hazardous Locations:
 CSA Certified
 Cl. I, Groups B, C, D
 Cl. II, Group G, Coal Dust
 Cl. III
 NEMA 3R, Weatherproof

FEATURES AND BENEFITS

Uni-Shell™ Handle Body:

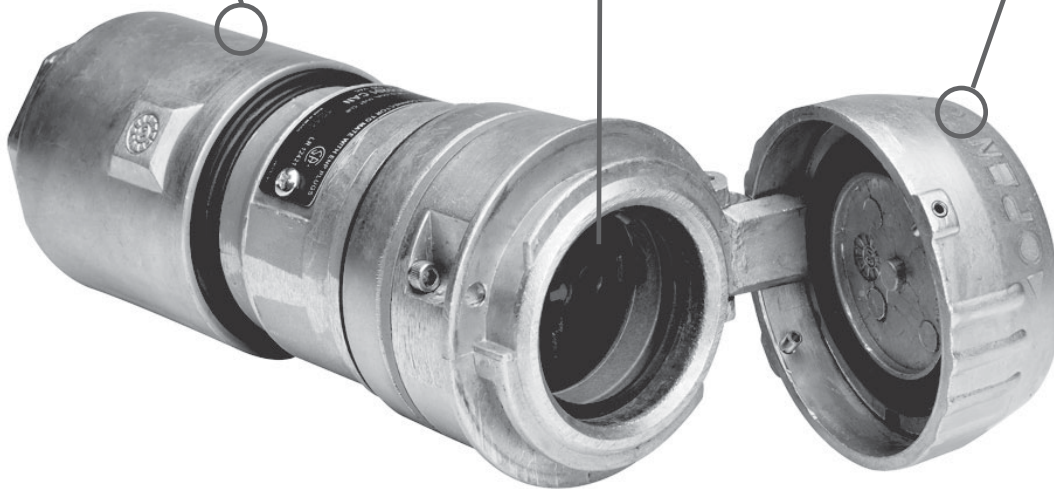
- Provides a smooth durable external surface that prevents the connector from getting snagged on equipment or other cables

Spring-Loaded Sliding Key Offers Increased Safety:

- Rejects standard NEMA/EEMAC configuration plugs that could cause an arc in a hazardous area
- Prevents the faceplate 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



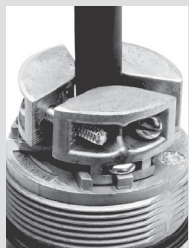
Improved Safety with Integral Lockout/Tagout:

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



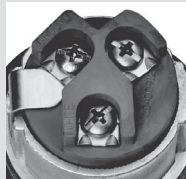
Increased Safety with Captive Tri-Lock Design:

- 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
 Frustration-Free
 ENP Plug



Snap-In Internal Insulator:

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



Crouse-Hinds
 by **E•T•N**