

Explosion Proof Outlet with On/Off Tumbler Switch - 20 Amp Rated - Double Gang EPCS-TSW.20A-EPO.20A

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



EPCS-TSW.20A-EPO.20A Explosion Proof Power Outlet with On/Off Switch

Outlet Dimensions: 6.19"-W X 5.69"-D X 6.13"-H

Receptacle Current Rating: 20 Amp

Receptacle Configuration: 3 Pole 2 Wire

Number of Poles: 3

Conduit Openings: 1/2"

Mating Plugs: ****EPP-15A, EPP-20-A****

Grounding: Housing only

Unit Materials: Box- Iron /Receptacle- Copper Free Aluminum (4/10 of 1% max.)

Finish: Box-Triple Coat / Receptacle-Epoxy Powder Coat

Insulating Blocks: Fiber Glass Reinforced Polyester

Switch Style: 2-Pole

Switch Amp Rating: 20A

Switch Horsepower 1HP @ 120VAC / 2HP @ 250VAC

Certifications - Compliance

NRTL Certified to U.L.-Standards: No.-
22.2,25,C22.2,30,C22.2,42,C22,159

NRTL Listed to U.L - E10784, E81751

NRTL Certified to C22.2 No. 182.1

NRTL Certified to CSA 065179

NEMA 3, 3R, 7CD, 9FG

Class 1, Division 1&2 Groups C, D

Class 2, Division 1&2 Groups F, G

Class III

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-214-616-6180

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics EPCS-TSW.20A-EPO.20A is an explosion proof power outlet with an explosion proof tumbler switch that provides durable and secure weatherproof power connection for portable or stationary electrical devices and equipment in locations where equipment is susceptible to wet and corrosive environments. Choose 125 V 1 HP or 250 V 2HP.

The 20 amp rated power receptacle with on/off switch is ideal for operators seeking a high quality, wet area rated power receptacle suitable for use in industrial and manufacturing applications. The unit's power receptacle is constructed of copper free aluminum and the housing is malleable iron. The unit is factory sealed and any arcing is safely contained with the interior of the receptacle. The receptacle contacts are deep recessed to avoid accidental contact and will not be energized by non explosion proof plugs to preserve explosion proof protection in hazardous environments. Ordinary location plugs will NOT activate this explosion proof receptacle.

The receptacle's iron housing is finished in a triple-coat zinc electroplate, chromate and epoxy powder coat while the receptacle is finished with an epoxy powder coat.

This unit is designed to withstand wet and corrosive conditions such as those found in docks and shipyards and comes with a spring loaded receptacle door to prevent ingress of water and contaminants when the unit is not in use. The power receptacle is constructed of non sparking aluminum and finished with an epoxy powder coating while the housing is constructed of triple coated malleable iron for durability and added corrosion resistance. The internal receptacle plug contacts are constructed of brass and designed to maintain constant pressure along their entire length for superior connectivity. The plug receptacle is deeply recessed to prevent accidental contacts and designed for twist lock plug insertion to provide secure connections. A neoprene seal fitted inside the connector receptacle seals against the plug when inserted to provide positive sealing against water ingress. A spring loaded receptacle door provides an automatic weather-tight seal when the plug is removed. In standard installations within the hazardous location area, threaded rigid pipe is brought to the outlet and the outlet is affixed to a mounting surface. A 20-amp rated explosion proof on/off switch allows operators to control power to the receptacle. This particular unit is rated at 20 amps and accepts currents ranging from 120-277VAC. The wiring hub is offered in 1/2" or 3/4" and the unit is a feed through model. The unit has a rocker switch which allows locking of the ON/OFF position. The switch is constructed of non-sparking aluminum body and is triple coated. The lever is connected to a threaded stainless steel shaft that passes through the faceplate. This front level rotary style switch allows for padlocking in the on or off position. The entire unit is completely corrosion resistant. The unit box, switch, and face plate are all included with the product. This outlet is a mate for the Larson Electronics [EPP-15A](#) and [EPP-20-A](#) explosion proof plugs and is compatible with all the Larson Electronics explosion proof lights we make with an explosion proof plug.

Options: This unit is available in a feed through or dead end options. The feed through option includes a 1/2" hub on either end of the receptacle and allows the source to power the receptacle while wired through the unit. The dead end option terminates the current at the receptacle. Please choose your option below.

Circuit breaking protection: This unit's receptacle is designed to safely contain any arcs between the internal contacts that may be created within the receptacle housing.

Inter-Compatibility: These units are compatible with Crouse Hind™ plugs under catalogue number "ENP5151" and Hubble-Killark Acceptor® plugs under catalogue number "UGP-20231,UGP-20232 ". Due to possible manufacturer changes we cannot guarantee interchangeability although we have made every effort to ensure cross compatibility correctness.

Suggested Applications: Areas Where Ignitable Vapors Or Gases May Be Present, Manufacturing, Industrial, Commercial, Docks, Shipyards, Shipping Ports and other similar ship to shore applications as well as any application requiring a wet area suitable and highly durable source of secure power connection.

Features

1. Specially designed receptacle contains arcs within the unit.
2. Spring loaded door seals receptacle when not in use.
3. Brass contacts provide constant pressure and superior conductivity.
4. Accepts non explosion proof plugs that are NEMA 5-20R, or 6-20R compatible.
5. Neoprene seal compressed by plug prevents water ingress into receptacle when in use.
6. Rated to handle loads up to 20 Amps.
7. Receptacle Epoxy powder coat finish for durability. Housing Triple coated for durability/corrosion resistance.
8. Compatible with Crouse Hind™ "ENP5151" and Hubble-Killark Acceptor™ "UGP-20231,UGP-20232 " plugs.
9. Corrosion resistant and suitable for use in wet locations.



Frequently Asked Questions (FAQ)



Options:

EPCS-TSW.20A-EPO.20A-Termination-Hub Config-Voltage

Example: EPCS-TSW.20A-EPO.20A-DE-0.5IN-125V

Termination	
DEAD END	-DE
FEED THRU	-FT

Hub Config	
1/2 INCH	-0.5IN
3/4 INCH	-0.75IN
1 INCH	-1IN

Voltage	
125VAC	-125V
250VAC	-250V

Links (Click on the below items to view):

- [Operations Manual](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)