

## EPS-DPB-SG-R1

Explosion Proof Double Push Button Switch - Class I, II, III - Start/Stop, Maintained - (1 Set)

NO/NC Contacts

Product ID: 274459



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

### EPS-DPB-SG-R1 - C1D1 Explosion Proof Double Push Button Switch

**Listing:** NRTL Listed for United States and Canada

**Dimensions:** -

**Weight:** -

**Voltage Rating:** -

**Poles:** 2P

**Switch Type:** Double Push Button

**No. of Switches:** (2) Green/Red - Maintained

**Contacts:** (1 Set) NO/NC

**Current Rating:** 10A

**Materials:** Box: Malleable Aluminum / Switch Cover Cast Copper Free Aluminum Alloy

**Insulation:** Integral Bushings in Conductor Openings

**Mounting:** External Mounting Lugs on Body

**Configuration:** Feed Thru / Dead End

**Hub:** 1/2" or 3/4" NPT

### Ratings/Approvals

Class I, Divisions 1 & 2, Groups C,D

Class II, Division 1, Groups E,F,G

Class II, Division 2, Groups F,G

Class III, Divisions 1 & 2

NEMA 3, 7 (C,D), 9 (E,F,G)

### Special Orders - Special Requirements

Contact us for special requirements

**Intl:** 1-214-616-6180

**Toll Free:** 1-800-369-6671

**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**The Larson Electronics EPS-DPB-SG-R1 Explosion Proof Double Push Button Switch is suitable for system control in Class I, II and III rated hazardous locations. Operators may access one set of NO/NC contacts inside the 10-amp unit. This explosion proof switch provides manual starting and stopping of small AC and DC motors.**

The EPS-DPB-SG-R1 Explosion Proof Stop/Start Push Button Switch is built to be heavy duty, and is rated for 10 amps. The double push button switch has a

maintained configuration and comes with one set of NO/NC contacts. This unit is enclosed in a cast aluminum device box, and the faceplate has smooth, double flanges that mate both to the cover and the mounting enclosure to provide flame tight joints. The screws consist of stainless steel hex head screws and attach the cover to the mounting enclosure.

The EPS-DPB-SG-R1 housing is made out of a malleable aluminum body with a cast copper free aluminum alloy cover, and is epoxy powder coated for a natural finish. This switch is rated for Class I Divisions 1 & 2 Groups C & D, Class II Division 1 Groups E, F & G, Class II Division 2 Groups F & G, and Class III Divisions 1 & 2.

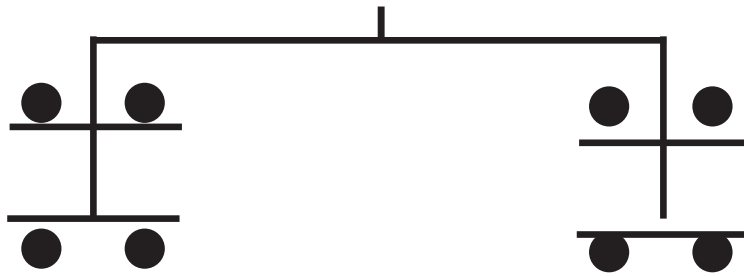
**Suggested Applications:** Manufacturing, Industrial, Warehouse, Lighting, Lighting, Wet areas or Locations Where Combustible Dust is Present.

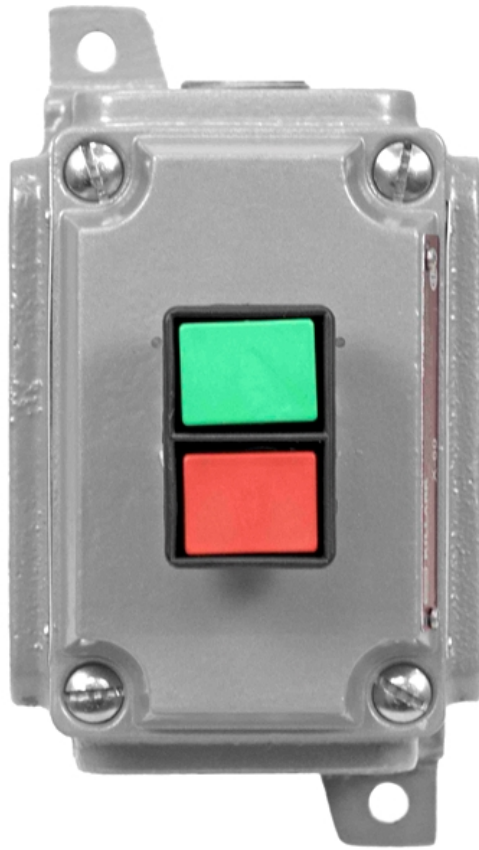
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com) for more information about our custom options tailored to meet your specific industry needs.

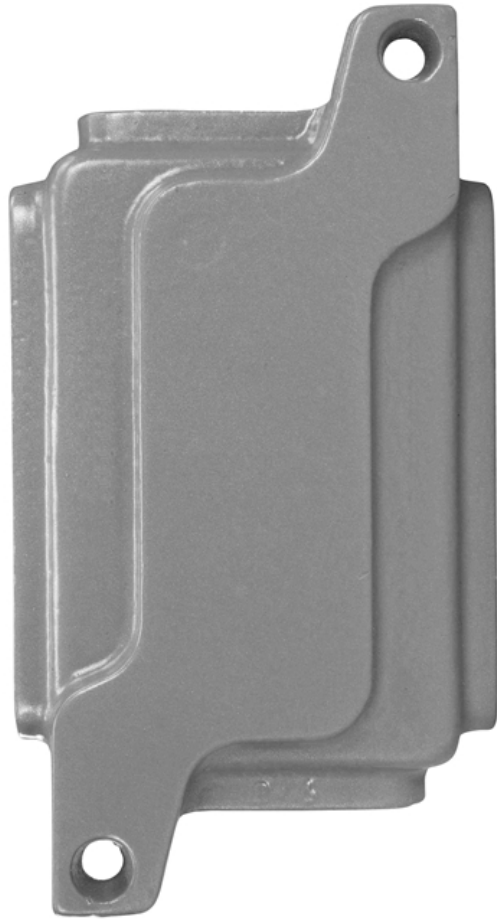
## Wiring Diagram

**WARNING:** DO NOT SERVICE WHILE ENERGIZED!

### EPS-DPB-SG-R1









WARNING: TO REDUCE THE RISK OF EXPLOSION, ALWAYS ENSURE CORRECT WIRING  
HAS BEEN ADAPTED TO THE CONNECTED WIRING. ALWAYS ATTENTION TO THE  
SCHEMATIC OF THE REFERENCE MODEL. 400V-50/60Hz. [0124]



**LARSON  
ELECTRONICS**

**EPS-DPB-SG-R1-0.75N-DE**

Current Rating: 10A  
NRTL Listed for U.S. & Canada  
NRTL Certified to UL 1203  
Class I, Divisions 1 & 2, Groups C,D  
Class II, Division 1, Groups E,F,G  
Class III, Divisions 1 & 2  
NEMA 3, 7 (C,D), 9 (E,F,G)



**Serial:**  
**5048933**



## **Frequently Asked Questions (FAQ)**