

EPLC2-DRW-20A-120V-DPST

Explosion Proof Rotary Dimmer Switch - C1D2 - C2D1&2 - Class III - 120V - 20 Amps - Double Pole

Product ID: 223926



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.

EPLC2-DRW-20A-120V-DPST Explosion Proof 0-10V Rotary Dimmer Switch

Switch Type: 0-10V Dimmable Rotary Switch
Max Lamps per Switch: 25
Grounding: Single Internal Housing Ground Screw
Dimensions: 5.88" L x 3" W x 2.25" D
Configuration: Front Mounted Rotary Switch
Poles: 2
Voltage: 120V AC
Amps: 20
Hub Quantity: (2) Feed Through or (1) Dead End
Hub Size: 1/2" or 3/4"
Unit Materials: Copper-free Cast Aluminum
Mounting: External Mounting Lugs on Body
Warranty: Yes- 1 Year*

Ratings/Approvals

Class I Division 2 Groups C & D
Class II Divisions 1 & 2 Groups E, F, G
Class III, Divisions 1 & 2
NEMA 7, Groups C & D
NEMA 9, Groups E, F & G
Double Pole Dimmer Switch

Special Orders - Special Requirements

Contact us for special requirements
Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in Texas

The Larson Electronics EPLC2-DRW-20A-120V-DPST Explosion Proof Dimmable Rotary Switch is Listed Class I Division 2 Groups C & D, Class II Divisions 1 & 2 Groups E, F and G and Class III. This 0-10V dimmable explosion proof double pole switch provides a safe and secure method for operators to adjust the brightness of explosion proof lights connected to the switch in order to best accommodate the situation or workplace while maintaining safety within hazardous environments. The EPLC2-DRW-20A-

120V-DPST operates on 120V AC and is rated for 20 amps.

NOTE: This does not power lamps on or off.

This explosion proof rotary double pole dimmer switch is ideal for operators seeking a high quality explosion proof switch rated for use in hazardous areas designated Class I Division 2 Groups C & D, Class II Division 1 & 2 Groups E, F and G and Class III environments. The entire unit is constructed of copper free cast aluminum. This unit is easily wall mounted via integral mounting tabs at two corners of the housing. Operators can choose between two hub sizes of either 1/2" or 3/4" and either a feed through or dead end configuration.

This unit is suitable for use in environments where combustible dusts and particulates may be present as well as any other hazardous locations. This explosion proof dimmable rotary switch offers operators smooth, flicker-free dimming of lights for precise control of brightness level while maintaining the power delivered to the lamp. The EPLC2-DRW-20A-120V-DPST explosion proof dimmer switch also works to save energy while dimming reducing energy costs and helping to extend the life of the connected lamp.

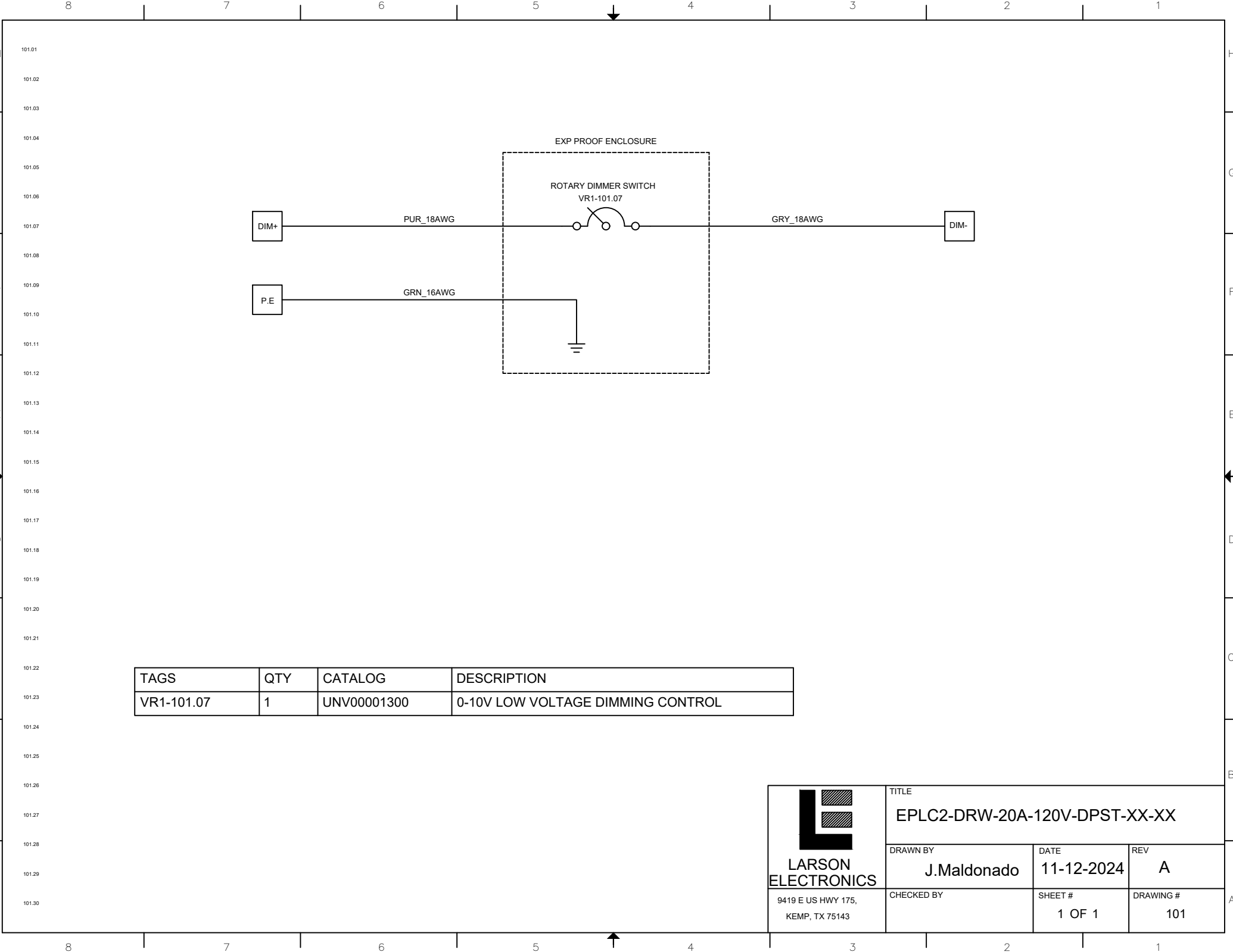
The EPLC2-DRW-20A-120V-DPST 0-10V dimmable rotary switch also features surge protection technology, advanced heat sinks to extend the service life of the switch and protection from possible interference from radios and other equipment. The unit is also very user friendly as the position of the rotary dial indicates the perceived light level.

The EPLC2-DRW-20A-120V-DPST explosion proof switch cover and housing box is constructed of copper free cast aluminum for superior performance and durability. These dimmer switches are not factory sealed and require external sealing fittings. Two external mounting lugs provide simple and secure mounting of the unit to walls and flat surfaces. This explosion proof switch is available with either 1/2" or 3/4" NPT tapped hubs. The conduit openings are provided on the top and bottom of the unit in feed through versions while dead end versions have a single conduit hub, providing easy and secure connection to main power line supplies.

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 for more information about our custom options tailored to meet your specific industry needs.

	8	7	6	5	4	3	2	1
	REV	DESCRIPTION						DATE
	A	PRODUCTION RELEASE						11-12-2024
EPLC2-DRW-20A-120V-DPST-XX-XX 								
	8	7	6	5	4	3	2	1



TAGS	QTY	CATALOG	DESCRIPTION
VR1-101.07	1	UNV00001300	0-10V LOW VOLTAGE DIMMING CONTROL

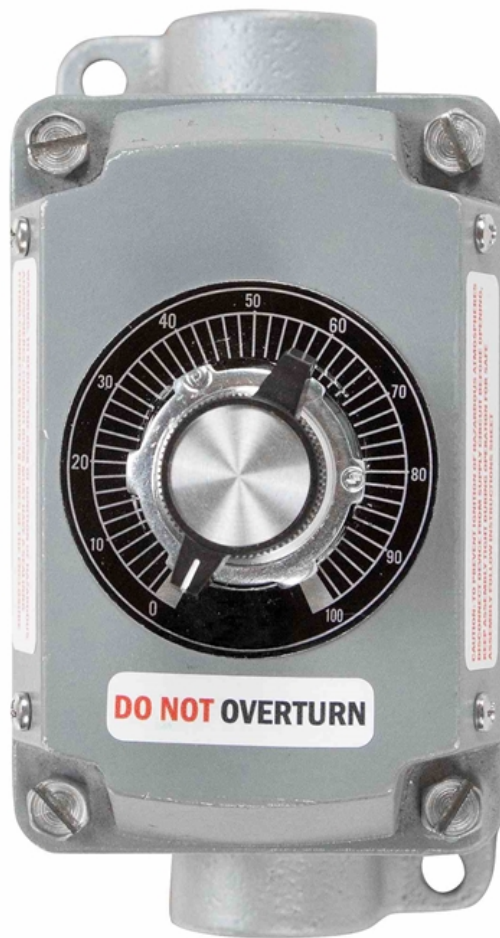


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TITLE
EPLC2-DRW-20A-120V-DPST-XX-XX

DRAWN BY J.Maldonado	DATE 11-12-2024	REV A
CHECKED BY	SHEET # 1 OF 1	DRAWING # 101

9419 E US HWY 175,
KEMP, TX 75143





CAUTION: TO PREVENT IGNITION OF HAZARDOUS ATMOSPHERES
DISCONNECT DEVICE FROM SUPPLY CIRCUIT BEFORE OPENING.
KEEP ALL ELECTRICAL CONNECTIONS TIGHT AND SECURE FOR SAFE
ASSEMBLY FOLLOW INSTRUCTIONS SHEET

WARNINGS (CONTINUE TO FOLLOW THESE AND OTHER INSTRUCTIONS) MAY CAUSE
PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.
1. Do not touch the device when it is hot. The device may become very hot during operation.
2. Do not touch the device when it is running. The device may become very hot during operation.
3. Do not touch the device when it is running. The device may become very hot during operation.
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Frequently Asked Questions (FAQ)