15A EXP Proof Disconnect Switch
Class I, II, III - 600V 3-Pole - Handle Switch - Aux Contacts
Instruction Manual

Thank you for your purchase of the Larson Electronics EPS-DCSW-15A-600V-AUX.2X.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
CRITICAL SAFETY INSTRUCTIONS:

- INSTALLATION SHOULD ONLY BE CONDUCTED BY A QUALIFIED ELECTRICIAN IN ACCORDANCE WITH NEC AND ANY RELEVANT LOCAL BUILDING CODES.
- RISK OF FIRE OR ELECTRIC SHOCK. FIXTURE INSTALLATION REQUIRES KNOWLEDGE OF XTURE S ELECTRICAL SYSTEMS. IF NOT QUALIFIED, CONTACT A QUALIFIED ELECTRICIAN.
- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- MAKE SURE THE SUPPLY VOLTAGE IS THE SAME AS THE XTURE S RATED VOLTAGE.
- TO PREVENT WIRING DAMAGE OR ABRASION, DO NOT EXPOSE WIRING TO EDGES OF SHEET METAL OR SHARP OBJECTS. SUITABLE FOR DAMP LOCATIONS.

IMPORTANT

READ CAREFULLY BEFORE INSTALLING THIS FIXTURE. SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. THE EPS-DCSW-15A-600V-AUX.1X MUST BE WIRED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY.

WE STRONGLY ENCOURAGE ONLY A LICENSED ELECTRICIAN INSTALL, OPERATE AND MAINTAIN THIS PRODUCT. IF YOU ARE NOT QUALIFIED OR UNFAMILIAR WITH ANY ASPECT OF THIS INSTRUCTION SHEET, CONSULT AN ELECTRICIAN. THERE ARE NO SERVICEABLE PARTS INSIDE.

WARNING: MAKE SURE POWER IS TURNED **OFF** BEFORE STARTING THE INSTALLATION OR PERFORMING ANY MAINTENANCE.

RISK OF FIRE/ELECTRIC SHOCK – DISCONNECT POWER AT BREAKER BEFORE INSTALLING OR SERVICING.
RISK OF PERSONAL INJURY – FIXTURE MAY BECOME UNSTABLE OR DAMAGED IF NOT INSTALLED PROPERLY.
RISK OF BURN – ALLOW FIXTURE TO COOL BEFORE SERVICING.

WARNING

TO AVOID THE RISK OF FIRE, EXPLOSION OR ELECTRIC SHOCK, THIS PRODUCT SHOULD BE INSTALLED, INSPECTED AND MAINTAINED BY A QUALIFIED ELECTRICIAN ONLY, IN ACCORDANCE WITH ALL APPLICABLE ELECTRICAL CODES.

TO AVOID ELECTRIC SHOCK:

- BE CERTAIN ELECTRICAL POWER IS OFF BEFORE AND DURING INSTALLATION AND MAINTENANCE.
- PRODUCT MUST BE CONNECTED TO A WIRING SYSTEM WITH AN EQUIPMENT-GROUNDING CONDUCTOR.

TO AVOID EXPLOSION:

- MAKE SURE THE SUPPLY VOLTAGE IS WITHIN THE VOLTAGE RATING.
- ENSURE THE MARKED T RATING IS LESS THAN THE IGNITION TEMPERATURE OF THE HAZARDOUS ATMOSPHERE.
- DO NOT OPERATE IN AMBIENT TEMPERATURES ABOVE THOSE INDICATED ON THE PRODUCT NAMEPLATE.
- DO NOT OPERATE IF THE LENS, CORD, SEALS, HOUSING, RECEPTACLES, ETC. IS CRACKED OR DAMAGED. IF SO, DISCONTINUE USE AND CONTACT MANUFACTURER FOR REPLACEMENT PARTS.
- ALL FASTENERS SHOULD BE PROPERLY SEATED.

The Larson Electronics EPS-DCSW-15A-600V-AUX.2X Non-fused Explosion Proof Disconnect Switch is suitable for electrical safety and motor disconnects in combustible environments. Rated at 600V AC, this 3-pole unit features a set of auxillary contacts, a lockable operating handle and a compact design. Constructed of copper-free aluminum, operators can mount the 15-amp explosion proof disconnect switch on walls and surfaces using fixed lugs at the back of the enclosure.

WIRING

Standard pigtail(flying leads) wiring

We strongly encourage a licensed electrician install this product, in all locations especially in outdoor areas where weatherproofing may be required. Universal voltage driver permits operation at 600V AC, 60 Hz.

Warning: *Check product label for correct input voltage!*

Attach supply line wires to the appropriate light fixture wires as shown in the diagram ➔

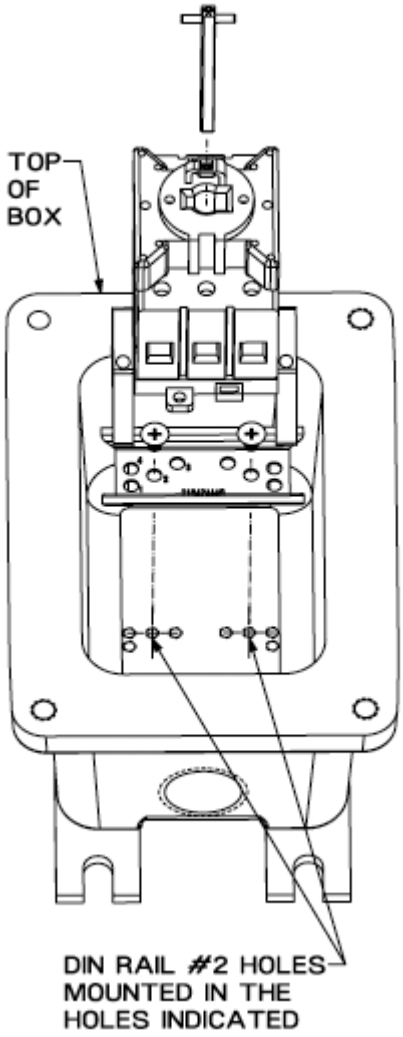


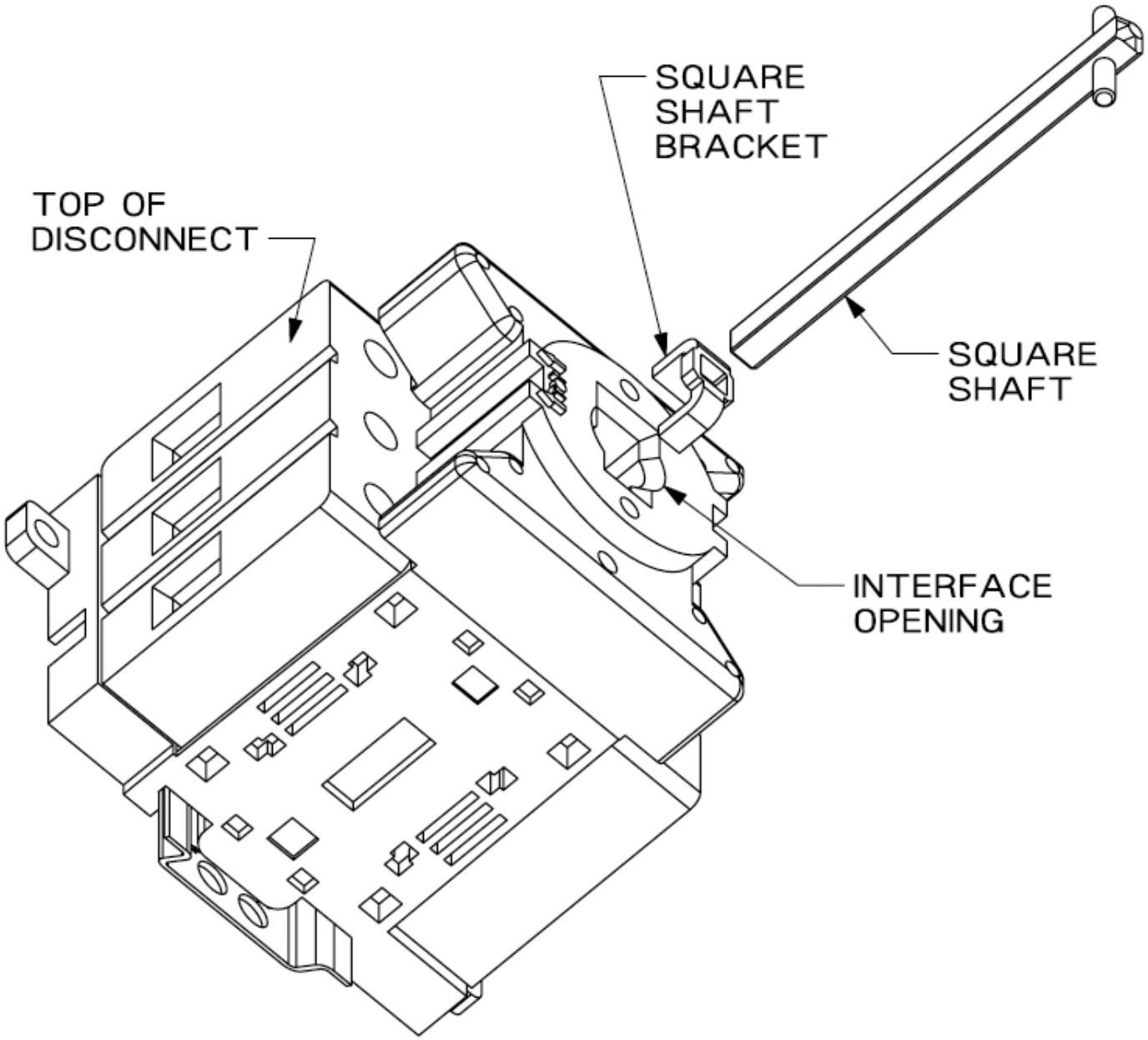
Secure each pair of wires according to the diagram. Utilize a junction box or similar device and take precautionary steps for weatherproofing all connections if installed in a location where water may come in contact with the unit. Ensure the unit is properly grounded and that wiring is done according to all local and national electrical/building codes.

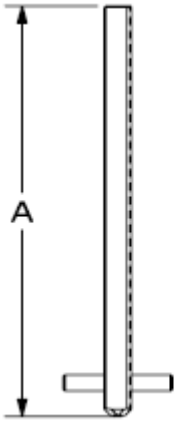
(Note: In the orientation of the enclosure (box & cover), the "TOP" is considered to be at the location of the cast-in part numbers.)

INSTALLATION:

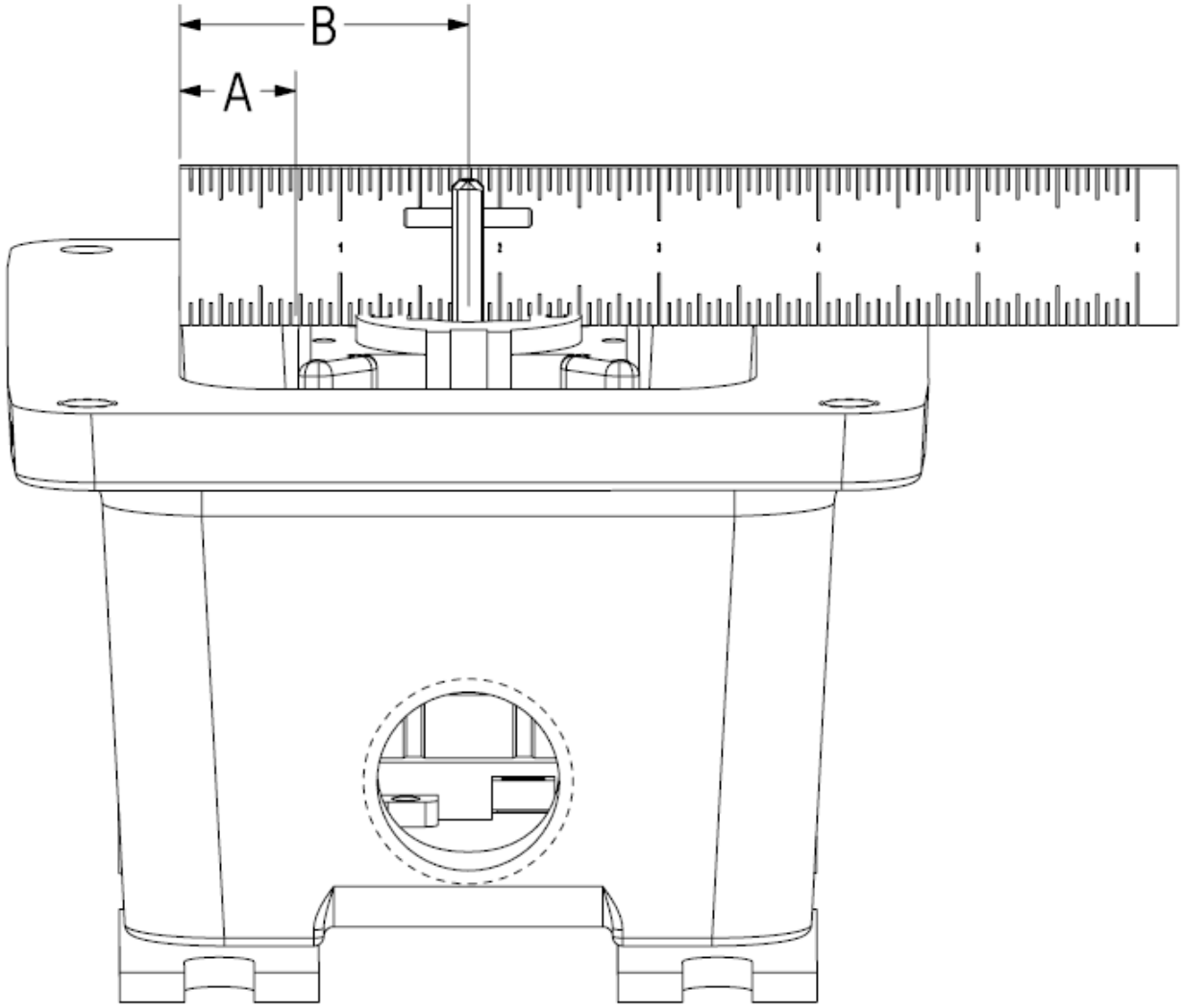
1) Install non-fused disconnect of your choice on din rail and align per instructions on page 3.
2) Install the two end blocks (provided) onto the din rail. Secure the blocks permanently on both sides of disconnect by using a screw driver and tightening the recessed screws.
3) Cut "square shaft" provided, to the over-all length dimension shown in the chart on page 2, for the specific device being used. (NOTE: smooth out the cut edge of the shaft)
4) Insert "square shaft bracket" into disconnect device interface opening per the orientation shown in the picture on page 2.
5) Insert the cut shaft thru the square hole in the bracket, allowing it to rest at the bottom of the device interface opening and in the orientation shown in the picture on page 2.
6) Terminate incoming cables to the line and load side of disconnect (field installation only).
7) Assemble cover on box making certain that the **cross pin** in the square shaft is engaged in the slot of the operator in cover.
8) Tighten cover bolts.







DISCONNECT SERIES	SHAFT LENGTH DIMENSION (A)	KILLARK ENCLOSURE
A–B 194E	1.96"	B7NFD1
SPRECHER+SCHUH LA7–16 THRU 63	2.50"	B7NFD1
SPRECHER+SCHUH LA7–80 THRU 100	2.32"	B7NFD2



NOTE:
1. DIMENSION "A" IS LOCATED FROM THE LEFT EDGE OF THE BOX TO THE LEFT EDGE OF THE DISCONNECT.
2. DIMENSION "B" IS LOCATED FROM THE LEFT EDGE OF THE BOX TO THE CENTER OF ROTATION OF THE DISCONNECT.

MFG.	CAT #	DIM. A	DIM. B	ENCLOSURE
ALLEN BRADLEY	194E-A63-1753	3/4	1 13/16	B7NFD1
SPRECHER+SCHUH	LA7-16-1753	1 1/8	1 13/16	B7NFD1
SPRECHER+SCHUH	LA7-80-1753	11/16	2 1/8	B7NFD2

MAINTENANCE

There are no serviceable parts inside the fixture. However, it is good practice to routinely clean and check the fixture for proper function.

USE AND CARE

Unauthorized modification may impair the function and/or safety of this device and could affect the life of the equipment. Always check for damaged or worn out parts before using the device. Store it in a secure place out of the reach of children when not in use. Inspect for good working condition prior to storage and before re-use.

REPLACEMENT PARTS

The EPS-DCSW-15A-600V-AUX.2X is designed to provide years of reliable performance. Should the need for replacement parts arise, please contact Larson Electronics.

THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-877-348-9680 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.