



Publication # 1SQC920053M0201

Smart Safety Switch

Instructions



Hazards of electrical shock or burn! Turn off power before working inside this equipment.

To be used only with listed SKUs for Smart Safety Switch (refer to table).

Used With:

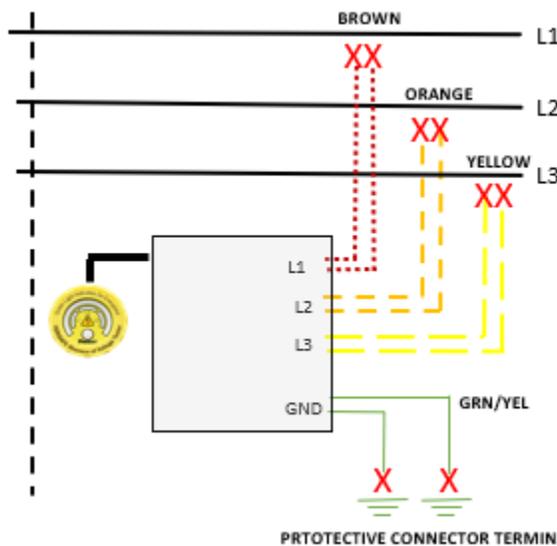
200A NEMA 1/3R Heavy Duty Smart Safety Switches

TH4364RVWD1

THN3364RVWD1

Installation and Testing Instructions:

- DO NOT** use in Medical equipment that must be always ungrounded.
- WARNING:** Disconnect VeriSafe™ AVT Sense Leads before conducting Hi-Pot or Dielectric testing on Electrical Equipment. Conducting this testing with the VeriSafe™ AVT connected could damage VeriSafe™ components – this includes both factory and on-site testing. See Figure 1.
- Once test is complete reconnect all leads – follow the commissioning checklist in the installation instructions. See torque values below.
- For use instructions see additional documentation provided with the switch.



Remove brown, orange & yellow leads from load side of switch to perform tests. Once tests are complete reconnect leads & torque to 18 in-lbs.

Remove green leads from ground bar to perform tests. Once tests are complete reconnect leads & torque to 120 in-lbs.

Fig. 1: Representation of VeriSafe™ AVT. The Red X's indicate the sense leads that shall be disconnected for Hi-Pot or Dielectric testing – reconnect all leads once testing is complete.



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Indicator Module Installation Instructions



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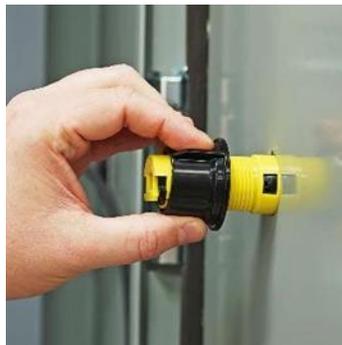
Used With:

TH4364RVWD1

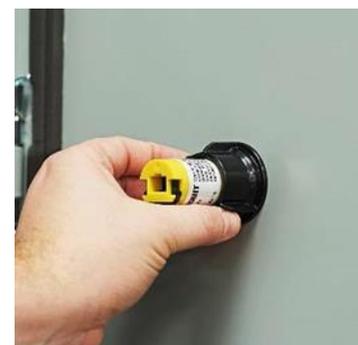
THN3364RVWD1



1. Remove the indicator module (yellow device) from the packaging and insert in the 30mm knock-out hole, aligning the anti-rotation notch. Ensure the rubber washer is on the outside of the enclosure.



2. Install the panel nut with the flange towards the inside surface of the enclosure.



3. Tighten the panel nut until both it and the sealing washer make full contact with the enclosure surface. Then, tighten an additional $\frac{1}{4}$ turn. Tighten the panel nut with fingers only, **do not overtighten**.



4. Insert the end of the AVT system cable with the right-angle connector in the back of the yellow indicator module. Press firmly into the opening until you feel it latch. Pull back on the connector to verify that it has properly latched. Verify the black tabs on either side are engaged to lock in the cable.