DESCRIPTION
This installation instruction is for lightning arrester protection for the System 1850-SE service entrance cable system. For technical support, call nVent at (800) 545-6258.

ASSEMBLY
1. Remove the fuses, lightning arrester, 6 AWG conductors and warning label from the switch enclosure.
2. Read and understand the electrical connection (see drawing on page 2)
3. Mount the switch immediately adjacent to the utility connection box such that the 6 AWG wire length required for each phase is less than 3 feet.
4. Run the 6 AWG wire from the phase conductors to the switch contacts.
5. Insert the 150 A fuses.
6. Mount the storm trapper arrester externally in a knock-out on the switch. The storm trapper lightning arrester has a small window to verify that it is in operable condition. The paper in the window should be white, and changes to black if the arrester has been overloaded.
7. Apply the warning label to the switch above the Storm Trapper lightning arrester.

MAINTENANCE
The switch must be used to disconnect the fuses and arrester in order to change out the arrester or fuses, or to do any work inside the enclosure.

The fuse should be checked for continuity after thunderstorm activities in the vicinity, and otherwise at intervals of not more than 6 months. If it has operated to clear a fault, both the fuse and the lightning arrester must be replaced.

The arrester condition should be confirmed at the same time by visually checking the color of the indicator in the arrester window. If it has turned black, the arrester must be replaced.

KIT CONTENTS

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<td>3' length of #6 AWG R 90 or TEW</td>
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Electrical Connection

200A, 600V, 3 PHASE, SWITCH
PART# CH364

FUSE: BUSSMAN JKS—150

ARRESTED LEADS
(AS SHORT AS POSSIBLE)

ASZH480E300
SURGE ARRESTED

6 AWG R90
(AS SHORT AS POSSIBLE)

CONDUIT

L1 L2 L3

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