

Compact Multiple-Mount AC Service Panel & Cabinetized Load Center Surge Protector

Configurations

Nominal Service Voltages	120VAC or 240VAC
Voltage Protection Levels	
120VAC SASD Module	330 V
240VAC SASD Module	500V
Surge Current Ratings*	
1.2 X 50/8 X 20 μ s	
SASD	5000 A, 10,000 A
MOV	10,000 A
10 X 1000 μ s	
SASD	250 A, 500 A
MOV	500 A
IEEE Location Category & Exposure Rating	5kA – C1** 10kA – C3**
Operating Temperature	-20 ° C to +65 ° C
Dimensions	3.37" ^H X 3.53" ^W X 2.54" ^D †† 8.6 cm X 8.9 cm X 6.5 cm
Service Frequency	50/60 Hz
Response Time (Max.)	<5 Nanoseconds

* Waveform as per IEEE C62.41 and C62.45.

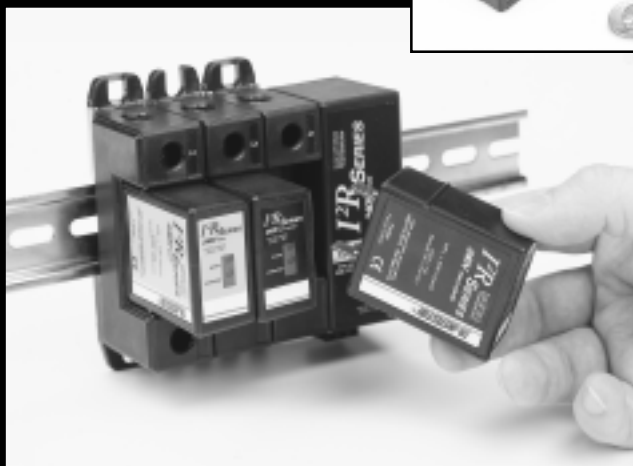
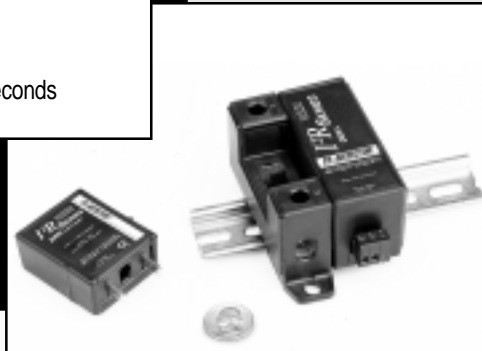
** IEEE Location Category & Exposure Rating. Tested to 6000V/3000A, 8/20 μ s combination waveform as defined by IEEE C62.41-1991.

††DEPTH FOR ONE MODULE

Features

- Three suppression technology options (Common mode protection available on all models):
 - 100% silicon suppression
 - MOV suppression
 - Silicon with MOV backup
- Hot-swap, plug-in suppression modules with status indicators.
- Distinctively molded modules to prevent improper installation.
- Designed to standard DIN 50022 35mm European DIN rail profile and compact footprint.
- Up to 10kA surge current survivability (1.2 X 50/8 X 20 μ s) silicon or MOV.
- Interchangeable suppressor modules applicable for all phases.
- Simple wire-in with no jumpering and no exposed buss bar.

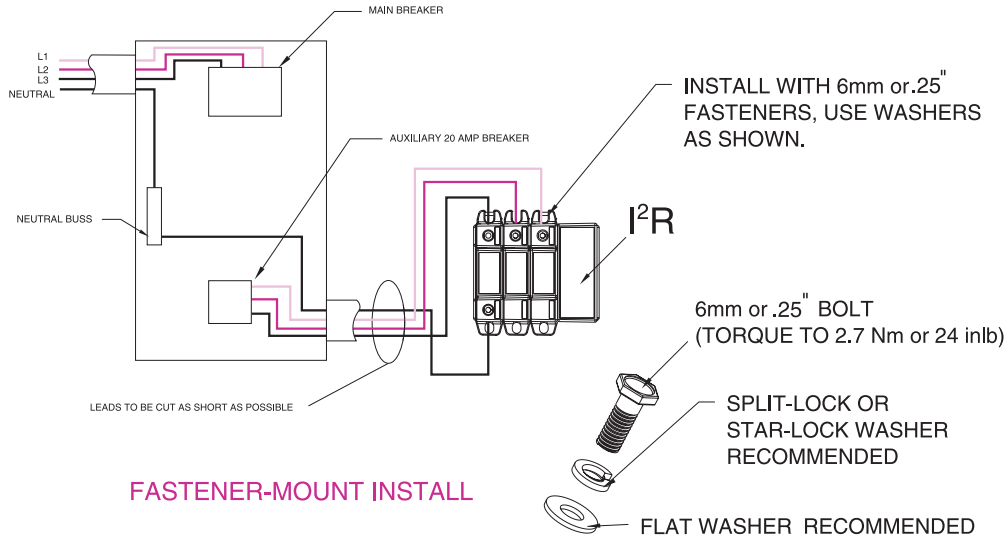
- Available in Single-phase (S), Split-phase (T), Wye (W) and Delta (D) configurations.
- Consolidated relay contacts available to allow for remote status monitoring of any phase.
- CE approved. Designed to meet IEC, UL CUL and CSA specifications.
- Base and modules molded from glass-filled plastic resin rated to UL-94VØ.
- Over 125 variations available for maximum compatibility with user systems.



ISO9001 Certified

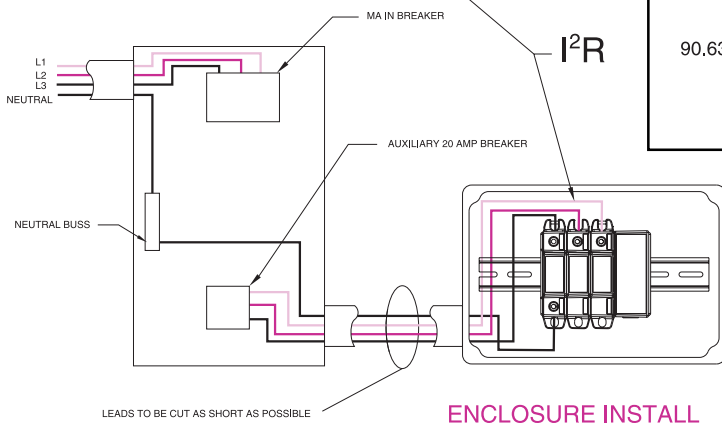
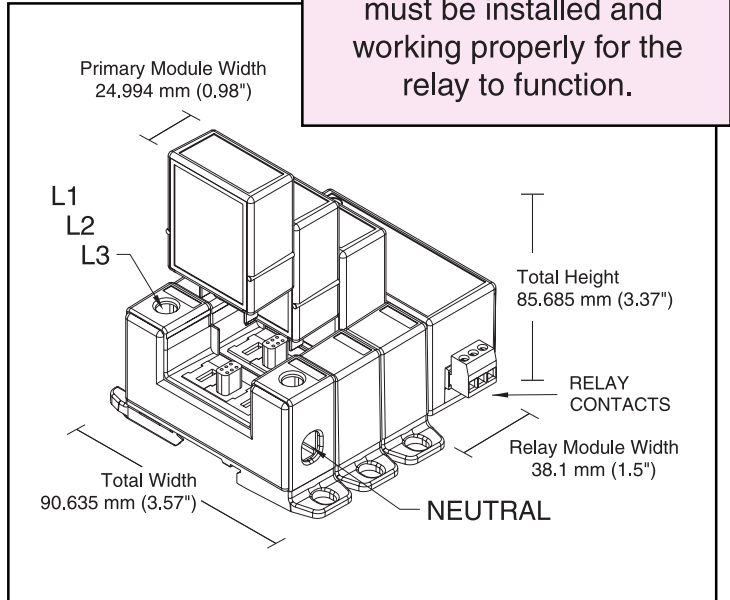
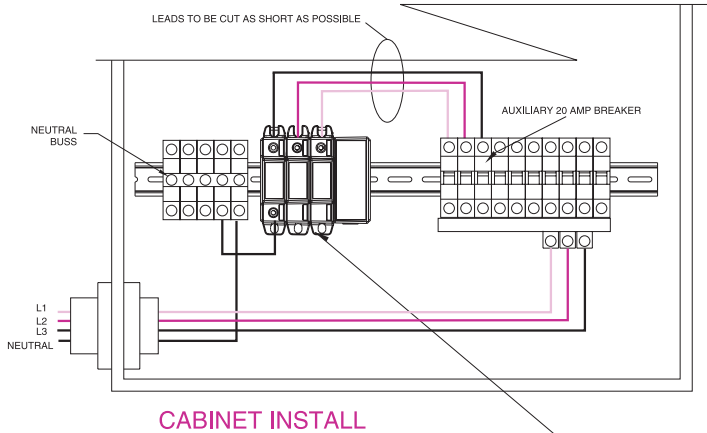
Warranty Five (5) year manufacturer warranty

I²R Series Standard Installation



The I²R Suppressor can be installed individually in a fastener-mount, or on a DIN rail within a cabinet or enclosure application.

Suppression modules are shaped to install correctly in only one orientation.
NOTE: All primary modules must be installed and working properly for the relay to function.



Consult transtector engineers for phase wiring distinctions and model variations.