



Replaceable Surge Protection Modules

The M-Ti DRA Series of Surge Protection Devices (SPDs) are single pole, parallel-connected (MOV based technology) Type 1 CA (component assembly) protectors. Designed for use in both Type 1 and 2 locations these units are ANSI/UL 1449 Recognized. Each protector module provides 50 kA of Surge protection in a maintenance free, standard DIN profile, DIN Rail mountable, IP20 enclosure.

Installation

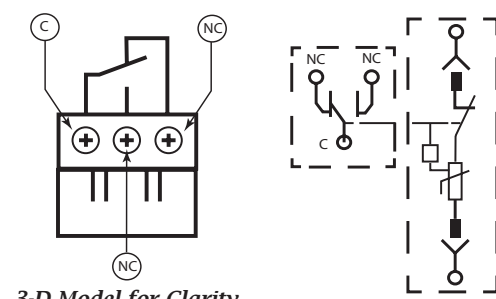
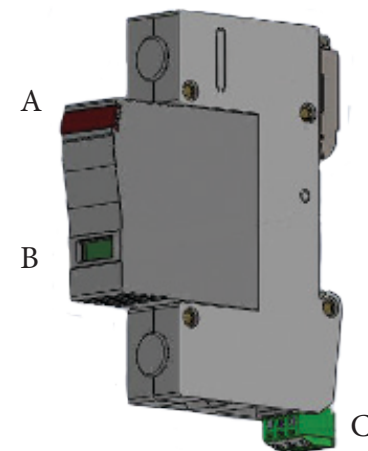
DRA Series Protectors are installed/connected in parallel with the line and the equipment to be protected. The DRA Series has a very high short circuit current rating of 200kA and eliminates the need for any additional overcurrent protection devices.

Remote Monitoring

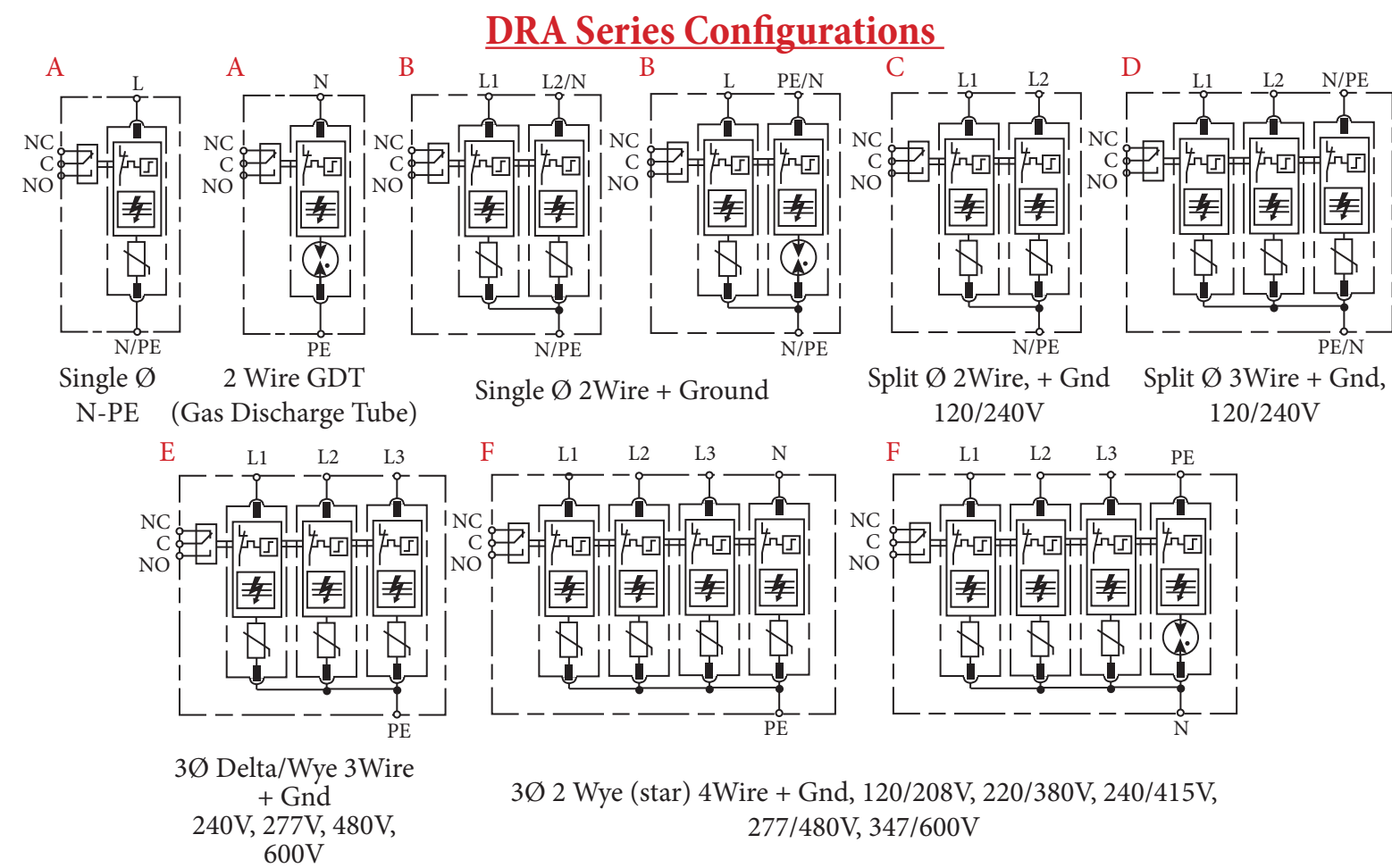
DRA Series protectors (except the N - G protector) come standard with one remote monitoring mechanical switch contact with “dry Form C contacts” per module. The contact can be used to drive several different types of indicators such as a remote light indicator or an audible alarm. The contact ratings are 250V RMS max, 0.5A max. The connection to the remote signal is through detachable screw terminal connector.

Visual Indication of Protection Status

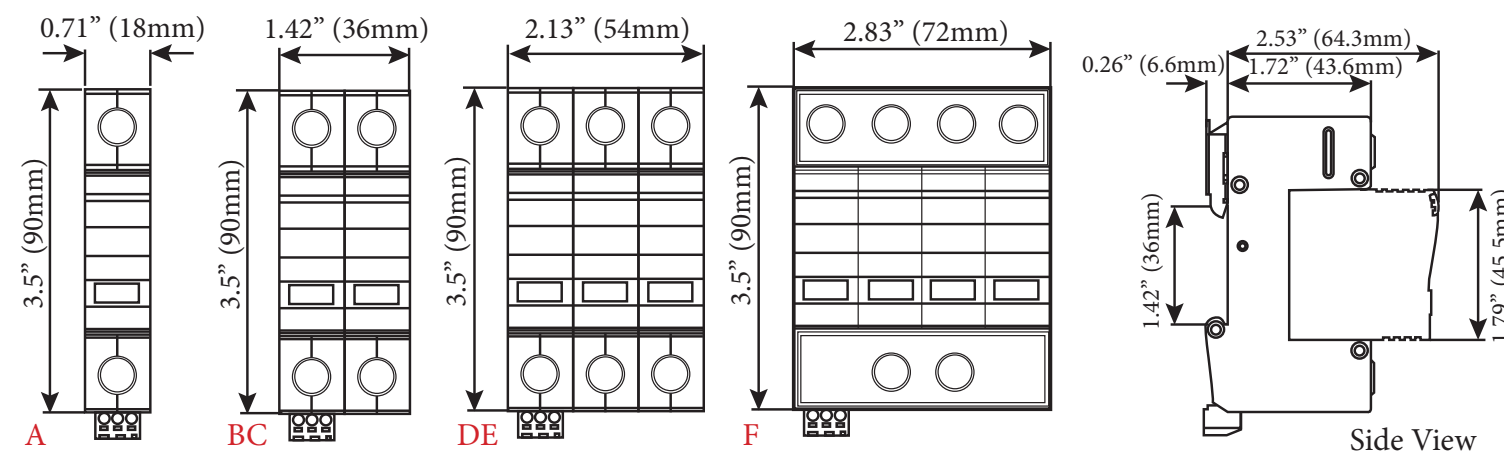
DRA Series protectors are maintenance free devices. If the unit is subjected to a prolonged over-voltage condition or excessive surge energy, internal elements will activate, disconnecting the DRA Series from the line. When the unit is no longer providing protection, the window on the front of the DRA Series turns from Green (normal) to Red (fault) indicating that the module requires replacement (not to be confused with the RED strip label).



A: RED Strip Label
 B: Green Flag = Normal Operation
 Red Flag = Fault, Replace Module
 C: AUX Contact Connector



Dimensions



Meter-Treater, Inc.

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Din Rail Mounted Surge Protection System with Replaceable Modules



