

*Be proactive and recognize the importance of implementing surge and filter protection as part of your industrial environment.*

## DATALINE SURGE PROTECTIVE DEVICE

### BULLETIN 4983-DD

#### DIN Rail Dataline Surge Protective Device

Bulletin 4983-DD SPDs are designed to protect industrial communication networks. This device uses a combination of 3-electrode gas discharge tubes and fast clamping diodes. Typical applications include industrial processing equipment, transmission systems, I/O cards, probes, actuators, and displays.

#### 4983-DD Features

- UL 497B
- Compact modular design
- Cost effective way to protect individual loads



### Bulletin 4983-DD Selection

| AC Network  | Max. Continuous Operating Voltage (MCOV) | Nominal Discharge Current 8/20ms (In) | Max. Discharge Current 8/20ms (Imax) | Protection Level (Up) | Nom. Line Voltage | Line Type          | Cat. No.  |
|---|--|---------------------------------------|--------------------------------------|-----------------------|-------------------|--------------------|-----------|
| 4...20 mA Loop type                                     | 28V DC                                   | 5 kA                                  | 20 kA                                | 40V                   | 24V               | 1 pair with shield | 4983-DD24 |
| RS232 type  | 15V DC                                   | 5 kA                                  | 20 kA                                | 30V                   | 12V               | 1 pair with shield | 4983-DD12 |
| High-speed transmission (LAN)<br>RS485 type, RS422 type | 8V DC                                    | 5 kA                                  | 20 kA                                | 25V                   | 6V                | 1 pair with shield | 4983-DD06 |

