DIN Rail Dataline Surge Protective Device, 4983-DD

Bulletin 4983-DD surge protective devices 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.

Features

- Compact, modular design
- Cost-effective to protect individual loads



Product Selection

AC Network	Max. Continuous Operating Voltage (MCOV) [V DC]	Nominal Discharge Current 8/20 μs (I _n) [kA]	Max. Discharge Current 8/20 μs (I _{max}) [kA]	Protection Level (U _p)	Nominal Line Voltage [V]	Line Type	Cat. No.
420 mA Loop type	28	5	20	40V	24V	1 pair with shield	4983-DD24
RS232 type	15	5	20	30V	12V	1 pair with shield	4983-DD12
High-speed transmission (LAN) RS485 type, RS422 type	8	5	20	25V	6V	1 pair with shield	4983-DD06

Specifications

Connection/Mounting Type	Series/DIN Rail mount		
Standards Compliance	UL 497B, IEC 61643-21		
Certifications	CE marked, UL listed		
Conductor Material	Cu, solid or stranded		
Conductor Range	#2116 AWG (0.41.5 mm ²)		
Strip Length	0.2 in. (5 mm)		
Tightening Torque	4.4 lb-in. (0.5 N-m)		
No. of Conductors/Terminal	1		
Operating Temperature	-40+80 °C (-40176 °F)		