

# BULLETIN 4983

## INTRODUCING SURGE & FILTER PROTECTION

### AC POWER SURGE PROTECTIVE DEVICES

Bulletin 4983-DH and 4983-DS Surge Protective Devices (SPD) offer the perfect solution to guard against the potential damaging effects of internal transients. These products have a compact DIN rail package size and can easily be incorporated as a solution into current systems and offer a space saving design for future projects.

#### BULLETIN 4983-DH

##### DIN Rail Heavy Duty AC Surge Protective Device

Bulletin 4983-DH is a heavy duty surge protector. This SPD combines a high energy varistor (MOV) network with a gas discharge tube to increase performance in protection level, life duration, suppression of leakage current, as well as continuous operation and power quality, with no follow through current. The 4983-DH product is connected in parallel and can be located in feeder circuit.

##### 4983-DH Features

- UL 1449 Third Edition, CSA, CE
- Has the highest energy absorption capability
- Only under extreme conditions is replacement necessary
- Visual fault indicator linked to internal thermal disconnecter
- A controlled end life occurrence will trigger indicator for SPD replacement
- Comes standard with safety remote signaling



#### Bulletin 4983-DH Selection

AC Network	Connection Mode	No. of Poles & No. of Devices Needed	Maximum Continuous Operating Voltage (MCOV) (Uc)	Lightning Current 10/350µs (Iimp)	Maximum Discharge Current 8/20µs (Imax)	Nominal Discharge Current 8/20µs (In)	Protection Level (Up)	UL1449 Voltage Protection Rating (VPR)	Cat. No.
120	L/G or N/G	1	150V AC	25 kA	70 kA	20 kA	1.0 kV	1200V	4983-DH120-25
	L/G, N/G	2							
120/208	L1/G, L2/G, L3/G, N/G	4	330V AC	25 kA	70 kA	20 kA	1.5 kV	1200V	4983-DH300-25
230/400	L/G or N/G	1							
	L/G, N/G	2							
	L1/G, L2/G, L3/G or N/G	3							
277/480Y	L1/G, L2/G, L3/G, N/G	4	330V AC	50 kA	70 kA	20 kA	1.5 kV	1200V	4983-DH300-50
	230/400	L1/G, L2/G, L3/G or N/G							
L1/G, L2/G, L3/G, N/G		4							
L1/G, L2/G, L3/G, N/G		4							
277/480Y	L1/G, L2/G, L3/G, N/G	4							

