

BULLETIN 4983

INTRODUCING SURGE & FILTER PROTECTION

BULLETIN 4983-DS

DIN Rail AC Power Surge Protective Device

Bulletin 4983-DS offers a number of options to meet your basic surge protection needs. The 4983-DS products are connected in parallel and use a MOV to clamp high voltage surges. The 4983-DS is primarily used in the main electrical panel for the protection of single and 3-phase systems.

4983-DS Features

- UL 1449 Third Edition, CSA, CE
- Compact modular design
- Only under extreme conditions is replacement necessary
- Visual fault indicator linked to internal thermal disconnector
- A controlled end life occurrence will trigger indicator for SPD replacement
- Comes standard with safety remote signaling



Bulletin 4983-DS Selection

AC Network	Connection Mode	No. of Poles	No. of Devices Needed	Maximum Continuous Operating Voltage (MCOV) (Uc)	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	1	150V AC	40 kA	20 kA	0.9 kV	700V	4983-DS120-401
	L/G, N/G	2	1						4983-DS120-402
120/208Y	L1/G, L2/G, L3/G, N/G	4	1						4983-DS120-404
230/400	L/G or N/G	1	1	275V AC	40 kA	20 kA	1.25 kV	1000V	4983-DS230-401
	L/G, N/G	2	2						
	L1/G, L2/G, L3/G or N/G	3	3						
	L1/G, L2/G, L3/G, N/G	4	4						
277	L/G or N/G	1	1	420V AC	40 kA	20 kA	1.8 kV	1500V	4983-DS277-401
277/480Y	L1/G, L2/G, L3/G, N/G	4	1						4983-DS277-404
230/400	L/G, N/G	2	1	275V AC	40 kA	20 kA	1.25 kV	1000V	4983-DS230-401G
	L1/G, L2/G, L3/G, N/G	4	1					1000V	4983-DS230-403G
120/208Y	L1/G, L2/G, L3/G	3	1	150V AC	80 kA	20 kA	1 kV	700V	4983-DS120-803
230/400	L1/G, L2/G, L3/G or N/G	3	1	275V AC			1.4 kV	1000V	4983-DS230-803
	277/480Y	L1/G, L2/G, L3/G or N/G	3	1			420V AC	1.8 kV	1500V
		L1/G, L2/G, L3/G, N/G	4	1	420V AC				4983-DS277-804

