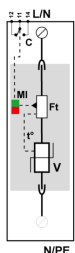




- ✦ Discover our latest innovation : the [DAC50S-10-150](#)
- ✦ Type 2 AC surge protector
- ✦ In : 20 kA
- ✦ I_{max} : 40 kA
- ✦ Pluggable module for each phase
- ✦ Remote signaling
- ✦ NF EN 61643-11, IEC 61643-11 compliance
- ✦ UL1449 ed.5



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics			
SPD type	IEC	2	
Network		120/208 V	
Nominal line voltage	Un	120 Vac	
Max. AC operating voltage	Uc	150 Vac	
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 Vac disconnection	
Residual Current Leakage current to Ground	I _{pe}	< 0.5 mA	
Follow current	I _f	None	
Nominal discharge current 15 x 8/20 µs impulses	I _n	20 kA	
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	40 kA	
Connection mode(s)		L/N or N/PE	
Protection mode(s)		Common Mode or Differential Mode	
Protection level @ I _n (8/20µs)	Up	0.9 kV	
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA	0.6 kV	
Admissible short-circuit current	I _{scrr}	25 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		Single phase	
Connection to Network		By screw terminals: 2.5-25mm ² / by bus	
Format		Plug-in modular box	
Mounting		Symmetrical rail 35 mm (EN 60715)	
Housing material		Thermoplastic UL94 V-0	
Operating temperature	Tu	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		1 mechanical indicator	
Spare module(s)		DSM40-120	
Remote signaling of disconnection		Output on changeover contact	
Dimensions		See diagram	
Weight		0.111 kg	
Disconnectors			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		Fuses type gG - 50 A	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		CSA / UL Listed	
Part number			
331611			