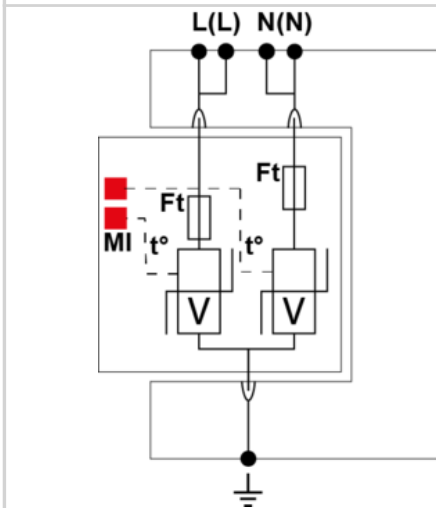
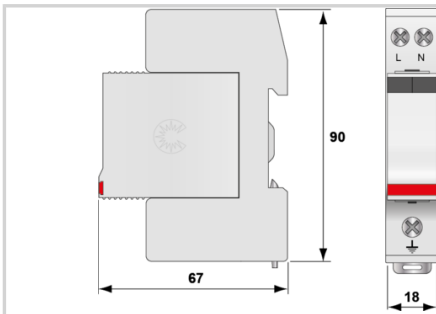


DS240-280



- ↳ Compact single-phase Type 2 surge protector
- ↳ In : 20 kA
- ↳ Imax : 40 kA
- ↳ Common mode
- ↳ Pluggable module
- ↳ Remote signaling option
- ↳ EN 61643-11, IEC 61643-11 compliance
- ↳ UL1449 ed.4



V: High-energy varistor
 Ft: Thermal fuse
 t°: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics		
SPD type (following IEC tests)		2
Network		230 V single-phase
AC system		TN
Max. AC operating voltage	Uc	280 Vac
Max. load current (if series connection)	IL	20 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	440 Vac disconnection
Residual Current (Leakage current to Ground)	Ipe	< 0.5 mA
Follow current	If	None
Nominal discharge current (15 x 8/20 μs impulses)	In	20 kA
Max. discharge current (max. withstand @ 8/20 μs by pole)	Imax	40 kA
Total Maximum discharge current (max. total withstand @ 8/20 μs)	Imax Total	80 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Residual voltage at 5 kA (@ 5 kA (8/20μs))	Up-5kA	0.9 kV
Protection level CM/DM(@ In (8/20μs))	Up mc /md	1.3 kV
Admissible short-circuit current	Iscrr	10 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		by screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		2 mechanical indicators
Spare module(s)		DSM240-280
Remote signaling of disconnection		Option DS240S-280 : output on changeover contact
Dimensions		See diagram
Weight		0.125 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		50 A mini. - 125 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		UL / EAC / TÜV
Part number		



Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

AC POWER

DS240-280

311101

