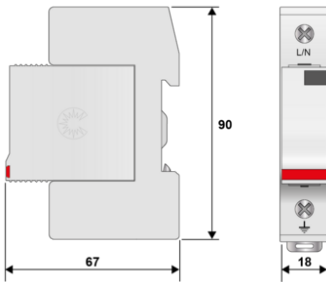


DS41-480



- Type 2 AC surge protector
- In : 20 kA
- Imax : 40 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



		Electrical Characteristics	
		SPD type	2
		Network	277/480 V 3-phase
		Nominal line voltage	Un 277 Vac
		Max. AC operating voltage	Uc 530 Vac
		Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 700 Vac withstand
		Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 920 Vac disconnection
		Residual Current Leakage current to Ground	Ipe < 1 mA
		Follow current	If None
		Nominal discharge current 15 x 8/20 μ s impulses	In 20 kA
		Max. discharge current max. withstand @ 8/20 μ s by pole	Imax 40 kA
		Connection mode(s)	L/PE and N/PE
		Protection mode(s)	Common Mode or Differential Mode
		Protection level @ In (8/20 μ s)	Up 2.5 kV
		Protection level L/PE @ In (8/20 μ s)	Up L/PE 2.5 kV
		Admissible short-circuit current	Iscrr 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)	DSM40-480
		Remote signaling of disconnection	option DS41S-480 : output on changeover contact
		Dimensions	See diagram
		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
		Part number	
		331001	

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