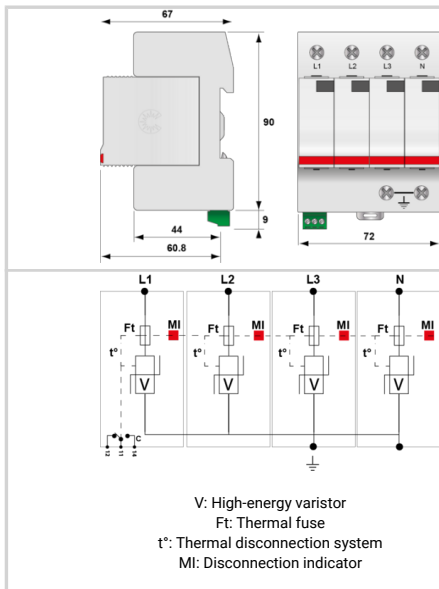


DS44S-320



- Type 2 AC Multipolar surge protector
- I_n : 20 kA
- I_{max} total : 160 kA
- Pluggable module for each phase
- Remote signaling option
- NF EN 61643-11, IEC 61643-11 compliance
- UL1449 ed.5



Electrical Characteristics

SPD type	2
Network	230/400 V 3-phase+N
AC system	TNS
Nominal line voltage	U_n 230 Vac
Max. AC operating voltage	U_c 320 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	U_T 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	U_T 440 Vac disconnection
Residual Current Leakage current to Ground	I_{pe} < 1 mA
Follow current	If None
Nominal discharge current 15 x 8/20 μ s impulses	I_n 20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 40 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	I_{max} Total 160 kA
Connection mode(s)	L/PE and N/PE
Protection mode(s)	Common mode/Differential mode
Protection level @ I_n (8/20 μ s)	U_p 1.5 kV
Admissible short-circuit current	I_{scrr} 25 000 A

Mechanical Characteristics

Technology	MOV
SPD configuration	3-phase+Neutral
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	T_u -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole
Spare module(s)	DSM40-320
Remote signaling of disconnection	output on changeover contact
Dimensions	See diagram
Weight	0.356 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	Fuses type gG - 50 A

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	UL / EAC

Part number

461922