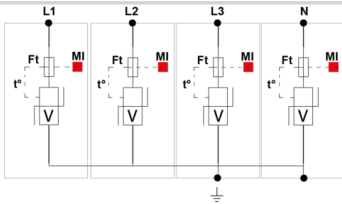


DS44-230



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



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

Electrical Characteristics	
SPD type	2
Network	230/400 V 3-phase+N
AC system	TNS
Nominal line voltage	Un 230 Vac
Max. AC operating voltage	Uc 255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 580 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 < 2 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 160 kA
Connection mode(s)	L/PE and N/PE
Protection mode(s)	Common mode/Differential 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 1.25 kV
Admissible short-circuit current	Iscrc 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	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole
Spare module(s)	DSM40-230
Remote signaling of disconnection	option DS44S-230 : output on changeover contact
Dimensions	See diagram
Weight	0.339 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 / CSA / EAC / TUV
Part number	
461502	