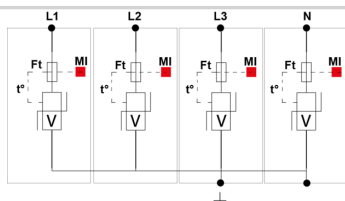


DS44-230



- Type 2 AC Multipolar surge protector
- In : 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.4



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

Electrical Characteristics

SPD type (following IEC tests)	2
Network	230/400 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 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)	I _{pe} < 2 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
Total Maximum discharge current (max. total withstand @ 8/20 µs)	I _{max} Total 160 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 1.25 kV
Admissible short-circuit current	I _{sc} 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.4
Certification	UL / CSA / EAC / TÜV



Type 2 AC surge protector - 3-phase+N

AC POWER

DS44-230

Part number

461502

