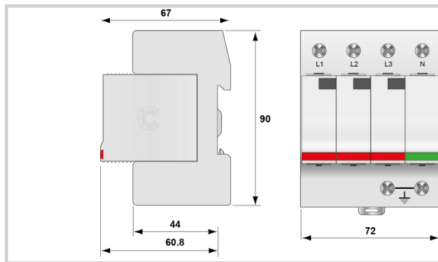


DS44-230/G



- Type 2 AC Multipolar surge protector
- In : 20 kA
- I_{max} total : 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	230/400 V 3-phase+N
AC system	TT-TNS
Nominal line voltage	Un 230 Vac
Max. AC operating voltage	Uc 255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT 440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) <i>Without disconnection or with safety disconnection</i>	UT 1200 V/300A/200 ms withstand
Residual Current <i>Leakage current to Ground</i>	I _{pe} None
Follow current	I _f None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	I _n 20 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	I _{max} 40 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	I _{max} Total 40 kA
Connection mode(s)	L/N and N/PE
Protection mode(s)	Common/Differential mode
Residual voltage at 5 kA <i>@ 5 kA (8/20 μs)</i>	Up-5kA 0.9 kV
Protection level L/N <i>@ In (8/20 μs)</i>	Up L/N 1.25 kV
Protection level L/PE <i>@ In (8/20 μs)</i>	Up L/PE 1.5 kV
Admissible short-circuit current	I _{sc} 25 000 A

Mechanical Characteristics

Technology	MOV+GDT
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)	DSM40-230+DSM40G-600
Remote signaling of disconnection	option DS44S-230/G: output on changeover contact
Dimensions	See diagram
Weight	0.325 kg

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	UL / CSA / TUV Süd

Part number

461512