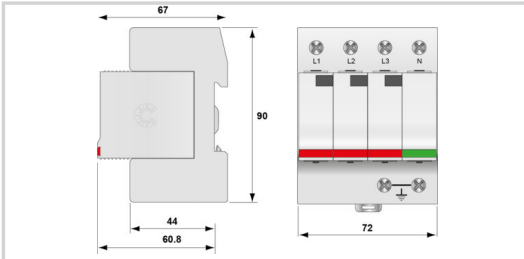


DS44-230/G



- ↳ Type 2 AC Multipolar surge protector
- ↳ In : 20 kA
- ↳ Imax total : 40 kA
- ↳ Pluggable module for each phase
- ↳ Remote signaling option
- ↳ EN 61643-11, IEC 61643-11 compliance
- ↳ UL1449 ed.4



Electrical Characteristics		
SPD type (following IEC tests)		2
Network		230/400 V 3-phase+N
AC system		TT-TNS
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
Temporary Over Voltage N/PE (TOV HT) (Without disconnection or with safety disconnection)	UT	1200 V/300A/200 ms withstand
Residual Current (Leakage current to Ground)	Ipe	None
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	40 kA
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Residual voltage at 5 kA (@ 5 kA (8/20µs))	Up-5kA	0.9 kV
Protection level L/N (@ In (8/20µs))	Up L/N	1.25 kV
Protection level L/PE (@ In (8/20µs))	Up L/PE	1.5 kV
Admissible short-circuit current	Iscrr	25000 A
Mechanical Characteristics		
Technology		MOV+GDT
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25 mm <sup>2</sup> / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
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
Fuses		Fuses type gG - 50 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		UL / CSA /EAC



Type 2 AC surge protector - 3-phase+N

AC POWER

DS44-230/G

Part number

461512

