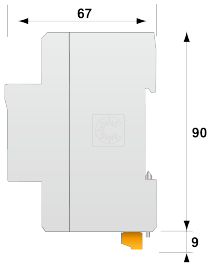
Type 2 AC surge protector - 3-phase

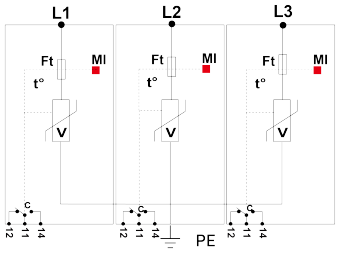
DU33S-1000/WD



- Type 2 AC Multipolar surge protector
- In : 15 kA
- Imax total : 120 kA
- Remote signaling for each pole
- NF EN 61643-11, IEC 61643-11 compliance

CE





V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	2
Network		400/690 Vac 3-phase
AC system		TNC-IT
Nominal line voltage	Un	690 Vac
Max. AC operating voltage	Uc	1000 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. *Without disconnection*	UT	1200 Vac withstand
Residual Current *Leakage current to Ground*	Ipe	None
Follow current	If	None
Nominal discharge current *15 x 8/20 µs impulses*	In	15 kA
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	30 kA
Total Maximum discharge current *max. total withstand @ 8/20 µs*	Imax Total	120 kA
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Protection level L/PE *@ In (8/20µs)*	Up L/PE	4.2 kV
Admissible short-circuit current	Isccr	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase
Connection to Network		By screw terminals: 2.5-25mm² / 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		3 mechanical indicators
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm² max.
Max. Voltage/Current for remote signaling		250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 100A
Standards		
Standards compliance		EN 61643-11 / IEC 61643-11
Certification		
Part number		
302113		