



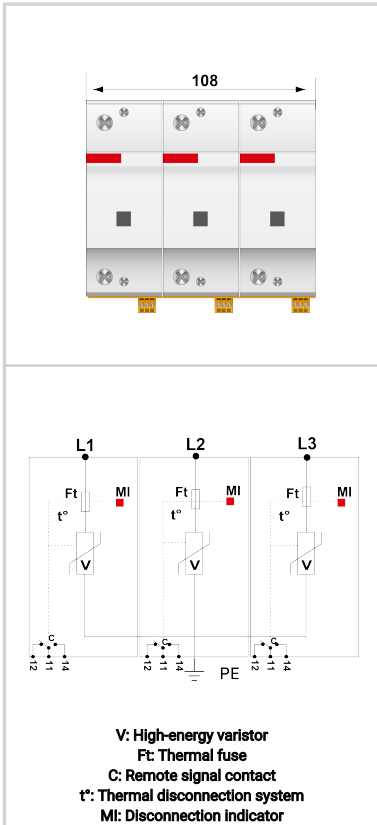
CITEL

Type 2 AC surge protector - 3-phase

DU33S-1000/WD



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



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	I _{pe}	None
Leakage current to Ground		
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	15 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	30 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total	120 kA
Connection mode(s)		L/PE
Protection mode(s)		Common mode
Protection level L/PE @ I _n (8/20μs)	Up L/PE	4.2 kV
Admissible short-circuit current	I _{sc}	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase
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		3 mechanical indicators
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm ² 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		

