



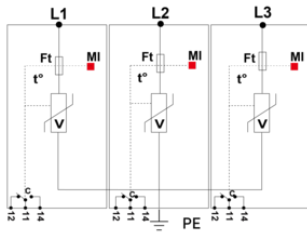
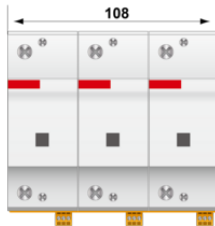
Type 2 AC surge protector - 3-phase

CITEL

DU33S-1000/WD



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



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

Electrical Characteristics	
SPD type	2
Network	400/690 Vac 3-phase
AC system	TNC-IT
Nominal line voltage	U_n 690 Vac
Max. AC operating voltage	U_c 1000 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 1200 Vac withstand
Residual Current Leakage current to Ground	I_{pe} None
Follow current	I_f None
Nominal discharge current 15 x 8/20 μ s impulses	I_n 15 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 30 kA
Total Maximum discharge current max. total withstand @ 8/20 μ s	I_{max} Total 120 kA
Connection mode(s)	L/PE
Protection mode(s)	Common mode
Protection level L/PE @ I_n (8/20 μ s)	U_p 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	

