



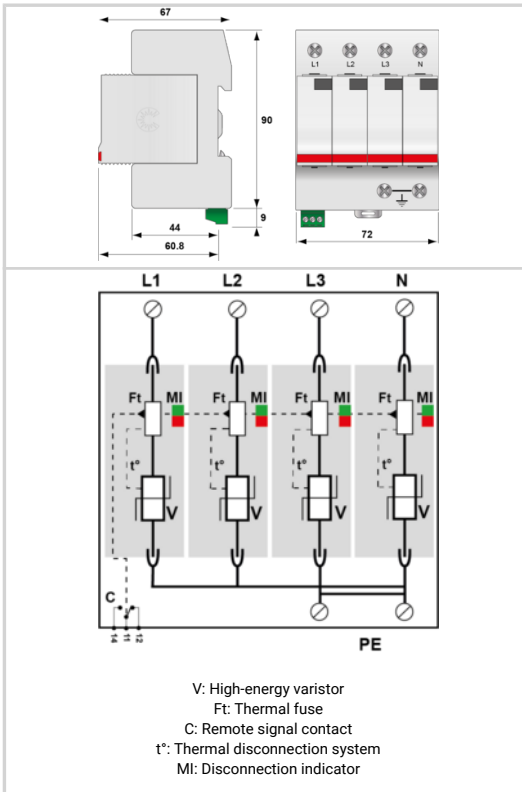
Type 2 AC surge protector - 3-phase+N

CITEL

DS44S-480



- ↳ Type 2 AC Multipolar surge protector
- ↳ I_n : 20 kA
- ↳ I_{max} total : 160 kA
- ↳ Pluggable module for each phase
- ↳ Remote signaling
- ↳ EN 61643-11, IEC 61643-11 compliance
- ↳ UL1449 ed.5



Electrical Characteristics	
Network	277/480 V 3-phase+N
AC system	TT-TN
Nominal line voltage	U_n 480 Vac
Max. AC operating voltage	U_c 530 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 920 Vac disconnection
Residual Current Leakage current to Ground	I_{pe} < 2 mA
Follow current	I_f None
Nominal discharge current 15 x 8/20 μ s impulses	I_n 20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 40 kA
Connection mode(s)	L/PE and N/PE
Protection mode(s)	Common mode
Protection level N/PE @ I_n (8/20 μ s)	U_p N/PE 2.5 kV
Protection level L/PE @ I_n (8/20 μ s)	U_p L/PE 2.5 kV
Admissible short-circuit current	I_{sc} 25 000 A
Mechanical Characteristics	
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)	DSM40-480
Remote signaling of disconnection	Output on changeover contact
Weight	0.405 kg
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 50 A
Standards	
Certification	UL
Part number	
33101421	

