



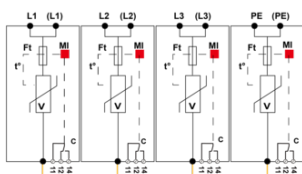
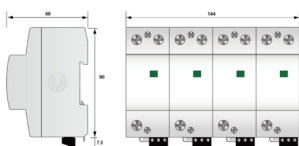
Type 1+2 AC surge protector - 3-phase+N

CITEL

DACN1-13S-40-760



- Type 1 + 2 AC surge protector
- High energy discharge capacity(High duty)
- In: 40 kA, I_{max}: 80kA
- I_{imp}: 12.5 kA on 10/350µs impulse
- Unpluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11 complied



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

Electrical Characteristics

SPD type		1+2
Max. AC operating voltage	Uc	760 Vac
Max. load current @25°C	IL	100 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	1000 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	1325 Vac disconnection
Residual Current Leakage current to Ground	I _{pe}	None
Follow current	I _f	None
Nominal discharge current 15 x 8/20 µs impulses	I _n	40 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}	80 kA
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}	12.5 kA
Specific energy by pole max. withstand 10/350 µs	W/R	40 kJ/ohm
Protection level @ I _n (8/20µs)	U _p	3.5 kV
Admissible short-circuit current	I _{sc}	25 000 A

Mechanical Characteristics

Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25mm ² (35mm ² rigid)
Format		1-pole 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		1 mechanical indicator by pole - Red/Green
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 - 8TE (EN43880)
Weight		1.592 kg

Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses Type gG - 125 A

Standards

Standards compliance		EN 61643-11 / IEC 61643-11
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Part number

29114012

