



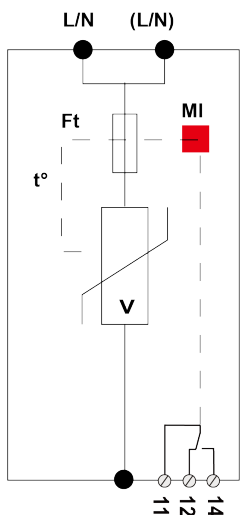
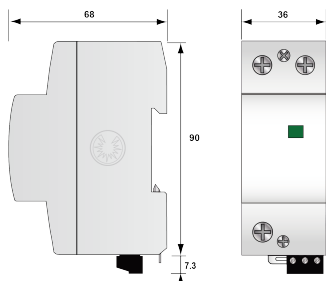
CITEL



Type 1+2 AC surge protector - 1-pole

DACN1-13S-10-760

- 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	IEC	1+2
Max. AC operating voltage	U _c	760 Vac
Max. load current @25°C	I _L	100 A
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	1000 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	1325 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	I _{pe}	None
Follow current	I _f	None
Nominal discharge current <i>15 x 8/20 µs impulses</i>	I _n	40 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	I _{max}	80 kA
Impulse current by pole <i>max. withstand 10/350µs by pole</i>	I _{imp}	12.5 kA
Specific energy by pole <i>max. withstand 10/350 µs</i>	W/R	40 kJ/ohm
Protection level <i>@ I_n (8/20µs)</i>	U _p	3.5 kV
Residual voltage at 5 kA <i>@ 5 kA (8/20µs)</i>	U _{p-5kA}	2.3 kV
Admissible short-circuit current	I _{sc}	25 000 A

Mechanical Characteristics

Technology	MOV
SPD configuration	Single phase
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	T _u -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 - 2TE (EN43880)
Weight	0.390 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
Certification	TUV Süd

Part number

29111012

