



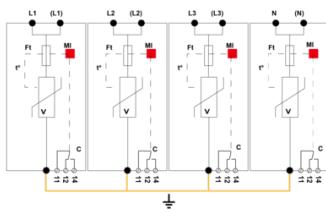
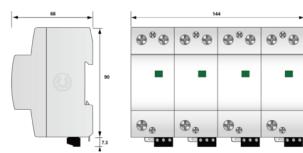
Type 1+2 AC surge protector - 3-phase+N

CITEL

DACN1-13S-40-760



- Type 1 + 2 AC surge protector
- High energy discharge capacity(High duty)
- In: 40 kA, Imax: 80kA
- 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	
Network	400/690 V	
AC system	TT-TNS	
Max. AC operating voltage	Uc	760 Vac
Max. load current @25°C	IL	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 withstand
Residual Current <i>Leakage current to Ground</i>	Ipe	None
Follow current	If	None
Nominal discharge current <i>15 x 8/20 µs impulses</i>	In	40 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax	80 kA
Impulse current by pole <i>max. withstand 10/350µs by pole</i>	Imp	12.5 kA
Specific energy by pole <i>max. withstand 10/350 µs</i>	W/R	40 kJ/ohm
Protection level <i>@ In (8/20µs)</i>	Up	3.5 kV
Admissible short-circuit current	Isccr	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
Part number	29114012

