



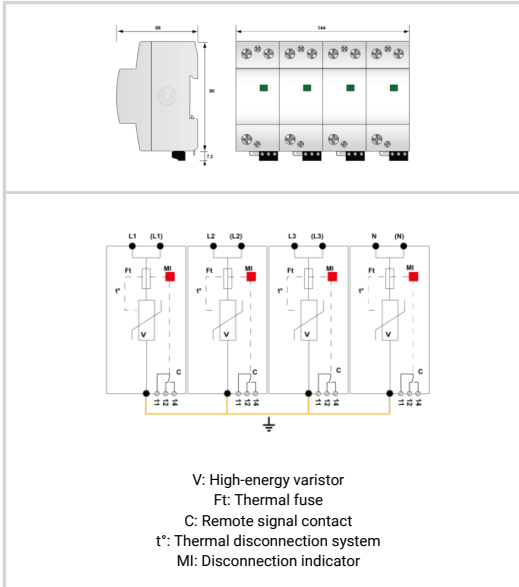
Type 1+2 AC surge protector - 3-phase+N

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



Electrical Characteristics	
SPD type	1+2
Network	400/690 V
AC system	TT-TNS
Max. AC operating voltage	U _c 760 Vac
Max. load current @25°C	I _L 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
Residual voltage at 5 kA @ 5 kA (8/20µs)	U _{p-5kA} 2.3 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	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 - 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
Certification	TUV Süd
Part number	
29114012	

