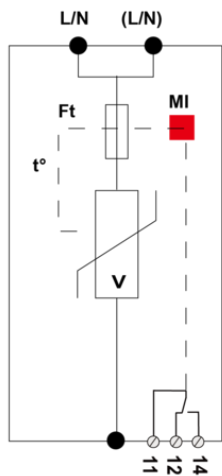
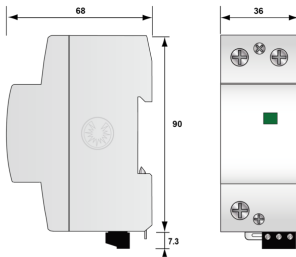


DACN1-13S-10-760



- ✦ 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	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	
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		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			