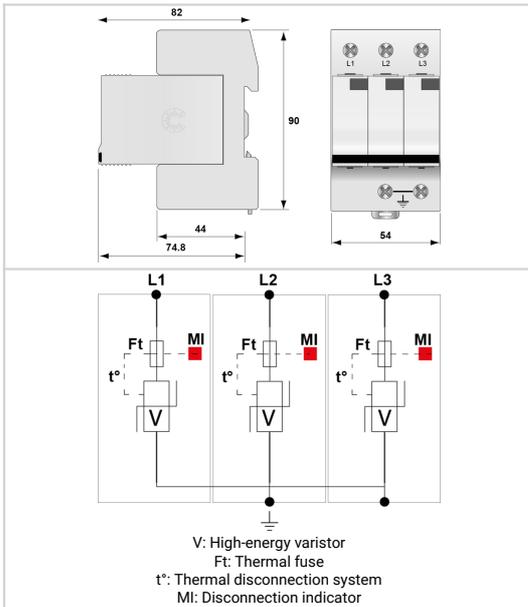


- Discover our latest innovation : the [DAC1-13-30-275](#)
- Type 1 + 2 AC multipolar surge protector
- In : 20 kA
- Iimp total : 37.5 kA
- Pluggable module for each phase
- Remote signaling (option)
- EN 61643-11, IEC 61643-11 compliance



Electrical Characteristics			
SPD type	IEC	1+2	
Network		230/400 V 3-phase	
AC system		TNC	
Nominal line voltage	Un	230 Vac	
Max. AC operating voltage	Uc	255 Vac	
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac disconnection	
Follow current	If	None	
Nominal discharge current 15 x 8/20 $\mu$ s impulses	In	20 kA	
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	I <sub>max</sub>	50 kA	
Impulse current by pole max. withstand 10/350 $\mu$ s by pole	I <sub>imp</sub>	12.5 kA	
Total lightning current max. total withstand @ 10/350 $\mu$ s	I <sub>total</sub>	37.5 kA	
Withstand on overvoltages IEEE C62.41.1		20 kV	
Specific energy by pole max. withstand 10/350 $\mu$ s	W/R	40 kJ/ohm	
Connection mode(s)		L/PE	
Protection mode(s)		Common mode	
Protection level L/PE @ In (8/20 $\mu$ s)	Up L/PE	1.3 kV	
Admissible short-circuit current	I <sub>sc</sub>	25 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		3-phase	
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> / by bus	
Format		Plug-in 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	
Spare module(s)		DSM130R-230	
Remote signaling of disconnection		option DS133RS-230 : output on changeover contact	
Dimensions		See diagram	
Disconnectors			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		Fuses Type gG - 125 A	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification			
Part number			
571503			