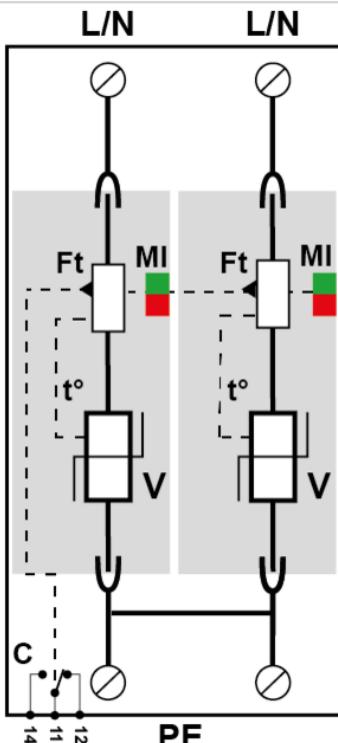
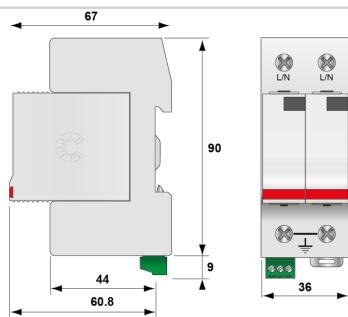




- Discover our latest innovation : the [DAC50S-20-530](#)
- Type 2 AC Multipolar surge protector
- In: 20 kA
- Imax total: 80 kA
- Pluggable module for each phase
- Remote signaling
- EN 61643-11, IEC 61643-11, UL1449 ed.5



V: High-energy varistor
Ft: Thermal fuse
C: Remote signal contact
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

Network	230-277 V Single-phase	
AC system	TT-TN	
Nominal line voltage	Un	230-277 Vac
Max. AC operating voltage	Uc	530 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	920 Vac disconnection
Residual Current	Ipe	< 1 mA
Leakage current to Ground	If	None
Follow current	In	20 kA
Nominal discharge current 15 x 8/20 µs impulses		
Protection mode(s)	L/PE and N/PE	
Protection mode(s)	Common mode	
Protection level N/PE @ In (8/20µs)	Up N/PE	2.5 kV
Protection level L/PE @ In (8/20µs)	Up L/PE	2.5 kV
Admissible short-circuit current	Isccr	25 000 A

Mechanical Characteristics

IP degree	IP 20
SPD configuration	Single phase
Format	Plug-in modular box
Operating temperature	Tu -40/+85°C
Failsafe mode	Disconnection from AC network
Disconnection indicator	1 mechanical indicator by pole
Spare module(s)	DSM40-480
Remote signaling of disconnection	Output on changeover contact
Weight	0.222 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses type gG - 50 A

Standards

Certification	CSA / UL Listed
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Part number

461015

