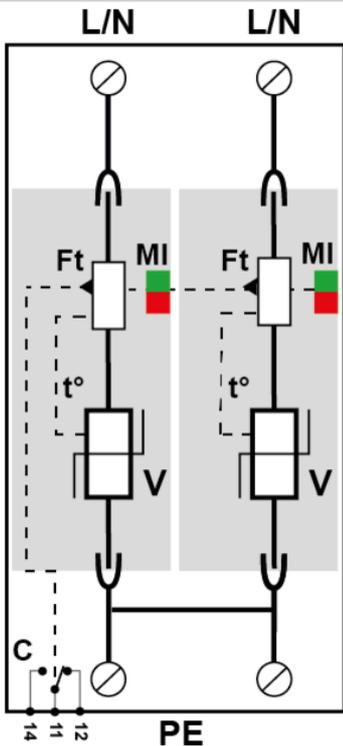
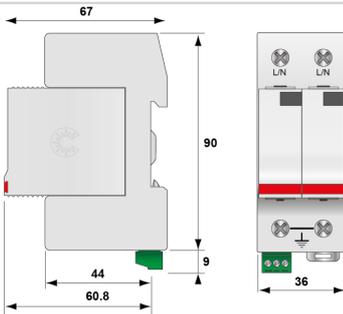


- ✦ Discover our latest innovation : the [DAC50S-20-530](#)
- ✦ Type 2 AC Multipolar surge protector
- ✦ In: 20 kA
- ✦ I<sub>max</sub> total: 80 kA
- ✦ Pluggable module for each phase
- ✦ Remote signaling
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5



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 Leakage current to Ground	I <sub>pe</sub>	< 1 mA
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>	20 kA
Connection mode(s)		L/PE and N/PE
Protection mode(s)		Common mode
Protection level N/PE @ I <sub>n</sub> (8/20μs)	Up N/PE	2.5 kV
Protection level L/PE @ I <sub>n</sub> (8/20μs)	Up L/PE	2.5 kV
Admissible short-circuit current	I <sub>sc</sub>	25 000 A

**Mechanical Characteristics**

IP degree		IP 20
SPD configuration		Single phase
Format		Plug-in modular box
Operating temperature	T <sub>u</sub>	-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

**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
---------------	--	-----------------

**Part number**

461015