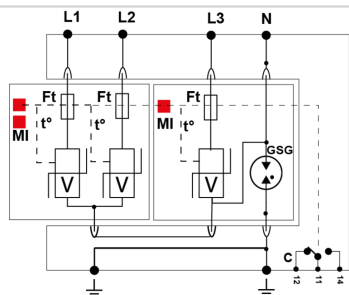
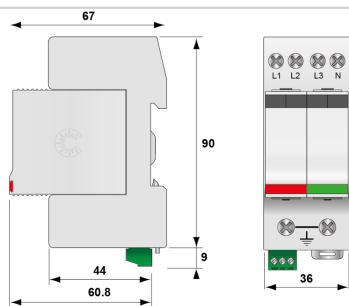


- ✦ Discover our latest innovation : the [DAC40CS-31-275](#)
- ✦ Compact 3-Phase Type 2 surge protector
- ✦ In : 20 kA
- ✦ I<sub>max</sub> : 40 kA
- ✦ Common/Differential mode
- ✦ Pluggable module
- ✦ Remote Signaling contact
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor  
GSG: Specific gas tube  
Ft: Thermal fuse  
C: Remote signaling contact  
t\*: Thermal disconnection system  
MI: Disconnection indicator

#### Electrical Characteristics

SPD type	IEC	2
Network		230/400 V 3-phase
AC system		TT-TN
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
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand
Residual Current	I <sub>pe</sub>	None
Follow current	I <sub>f</sub>	None
Nominal discharge current 15 x 8/20 µs impulses	I <sub>n</sub>	20 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I <sub>max</sub>	40 kA
Total Maximum discharge current max. total withstand @ 8/20 µs	I <sub>max</sub> Total	40 kA
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA	1.5/0.9 kV
Protection level L/N @ I <sub>n</sub> (8/20µs)	Up L/N	1.25 kV
Protection level N/PE @ I <sub>n</sub> (8/20µs)	Up N/PE	1.5 kV
Protection level CM/DM @ I <sub>n</sub> (8/20µs)	Up mc/md	1.5/1.25 kV
Admissible short-circuit current	I <sub>sc</sub>	10 000 A

#### Mechanical Characteristics

Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 1.5-10mm <sup>2</sup> (L/N) or 2.5-25mm <sup>2</sup> (PE)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T <sub>u</sub>	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		3 mechanical indicators
Spare module(s)		DSM440-230G and DSM440-230/GPE
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.217 kg

#### Disconnectors

Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG

#### Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		

#### Part number

311732