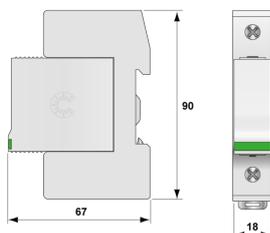




- ✦ Discover our latest innovation : the [DAC50G-10-440](#)
- ✦ Type 2 AC Multipolar surge protector
- ✦ In : 20 kA
- ✦ I_{max} total : 40 kA
- ✦ Pluggable module for each phase
- ✦ Remote signaling option
- ✦ EN 61643-11, IEC 61643-11 compliance
- ✦ UL1449 ed.5



GSG: Gas filled Spark Gap

Electrical Characteristics		
SPD type	IEC	2
Network		230/400 V
Max. AC operating voltage	U _c	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 withstand
Residual Current Leakage current to Ground	I _{pe}	None
Follow current	I _f	Yes
Nominal discharge current 15 x 8/20 μs impulses	I _n	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	40 kA
Protection level @ I _n (8/20μs)	U _p	1.5 kV
Admissible short-circuit current	I _{scrc}	25 000 A
Mechanical Characteristics		
Technology		Gas discharge tube
Connection to Network		By screw terminals: 4-25mm ² / by bus
Format		Plug-in 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
Spare module(s)		DSM40G-600
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 50 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		UL Recognized
Part number		
381813		