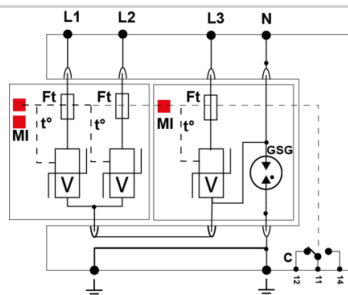
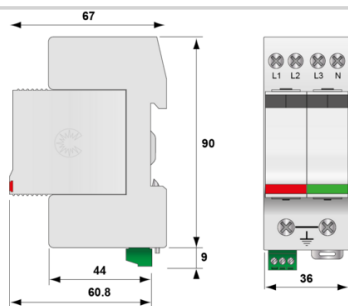


DS440S-230/G



- Compact 3-Phase Type 2 surge protector
- In : 20 kA
- Imax : 40 kA
- Common/Differential mode
- Pluggable module
- Remote Signaling contact
- EN 61643-11, IEC 61643-11, UL1449 ed.4 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 (following IEC tests)		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 (Leakage current to Ground)	Ipe	None
Follow current	If	None
Nominal discharge current (15 x 8/20 μ s impulses)	In	20 kA
Max. discharge current (max. withstand @ 8/20 μ s by pole)	Imax	40 kA
Total Maximum discharge current (max. total withstand @ 8/20 μ s)	Imax Total	40 kA
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Residual voltage at 5 kA (@ 5 kA (8/20 μ s))	Up-5kA	1.5/0.9 kV
Protection level L/N (@ In (8/20 μ s))	Up L/N	1.25 kV
Protection level CM/DM (@ In (8/20 μ s))	Up mc /md	1.5/1.25 kV
Admissible short-circuit current	Iscrr	10 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE)
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		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
Fuses		50 A min. - 125 A max. - Fuses Type gG
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		EAC
Part number		
311732		

