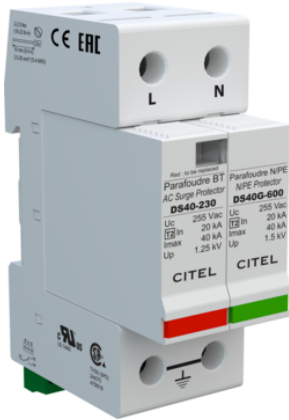
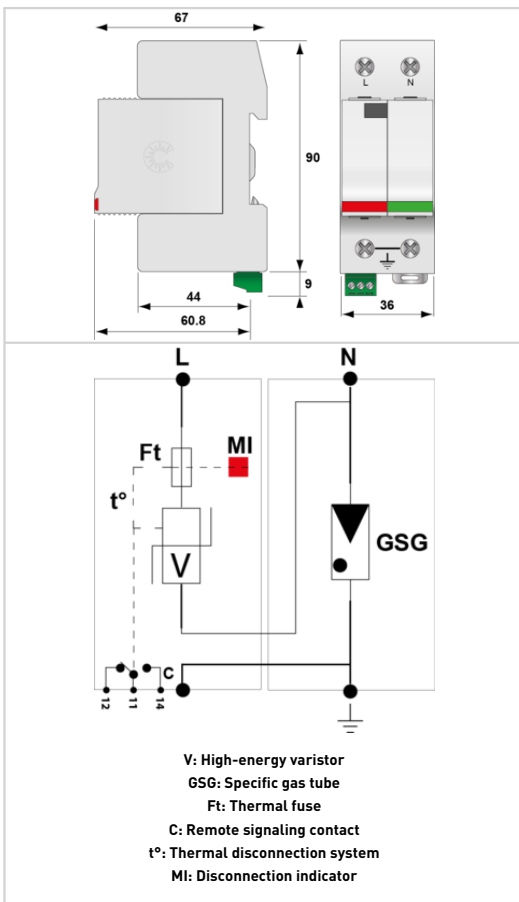


DS42S-230/G



- Type 2 AC Multipolar surge protector
- I_n : 20 kA
- I_{max} total : 40 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, CEI 61643-11 compliance
- UL1449 ed.9



Caractéristiques Électriques

SPD type (following IEC tests)		2
Network		230 V single-phase
AC system		TT-TN
Max. AC operating voltage L-N	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
Operating current(Continuous current at Uc)	Ic	0.5 mA
Follow current	If	None
Nominal discharge current (15 x 8/20 μ s impulses)	I_n	20 kA
Max. discharge current(max. withstand @ 8/20 μ s by pole)	I_{max}	40 kA
Total Maximal discharge current (max. total withstand @ 8/20 μ s)	I_{max} 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	0.9 kV
Protection level L/N (@ I_n (8/20 μ s))	Up L/N	1.25 kV
Admissible short-circuit current	Iscsr	25000 A

Caractéristiques Mécaniques

Technology		MOV+GDT
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25 mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature		-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM40-230+DSM40G-600
Remote signaling of disconnection		Output on changeover contact

Déconnecteurs associés

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

Normes

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 4ed.
Certification		UL / EAC / TÜV

Code article

461531

