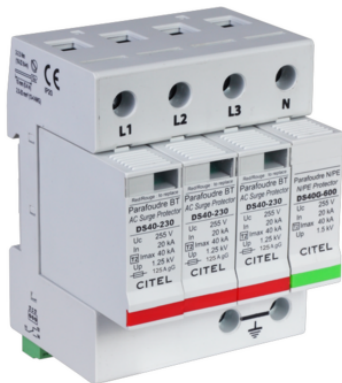


DS44S-230/G/DE



- 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, IEC 61643-11 compliance
- UL1449 ed.4



Electrical Characteristics		
SPD type (following IEC tests)		2
Network		230/400 V 3-phase+N
AC system		TT-TNS
Nominal line voltage	U_n	230 Vac
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 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)	I_{pe}	None
Follow current	I_f	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 Maximum 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	I_{scrr}	25 000 A
Mechanical Characteristics		
Technology		MOV+GDT
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25mm 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
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM40-230+DSM40G-600
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.331 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuses type gG - 50 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		UL / EAC / TÜV
Part number		
46153220		