

Type 2 SPD

DGT2-440

Designation		DGT2-440
Part number		P8345
Electrical Characteristics		
SPD type		2
Technology		MOV
SPD configuration		1 pole
Neutral configuration		IT - TNS - TNC
Max. AC operating system	U_C	440 Vac
Temporary Over Voltage (TOV) 5sec.	U_T	580 Vac withstand
Temporary Over Voltage (TOV) 120 mn	U_T	770 Vac disconnection
Residual Current - Leakage current to Ground	I_{pe}	< 1 mA
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	I_{max}	50 kA
Protection level @ In 8/20 μ s	U_p	2 kV
Residual voltage at 5 kA @ 5 kA (8/20 μ s)	U_{p5kA}	1,5 kV
Admissible short-circuit current	I_{sccr}	50 000 A
Associated disconnectors		
Thermal disconnector		Internal
Fuses		50 A min. - 125 A max. - Fuses Type gG
Installation ground fault breaker		Type "S" or delayed
Mechanical Characteristics		
Connection to Network		By screw: 2.5-25mm ² (35mm ² rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	T_u	-40°C / +85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		Mechanical Indicator
Spare module(s)		yes
Remote signaling of disconnection		Output on changeover contact
Dimensions EN43880 (see diagram in mm)		1TE
Standards compliance		IEC 61643-11 / NF EN 61643-11



V : High-energy varistor
 Ft : Thermal fuse
 C : Remote signaling contact
 t* : Thermal disconnection system
 Mi : Disconnection indicator

