

DVSC27545

Single-pole
Surge Arrester
 $I_{max} = 45 \text{ kA (8/20)}$

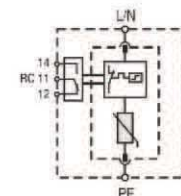


Category IEC/EN/VDE:	Class II/Type 2/C
Location of use:	Branch sub-distribution boards
Protection modes:	L/N - PE, L - PEN
Protective element:	MOV
Surge discharge ratings:	$I_{max} = 45 \text{ kA}$
Housing:	Modular design

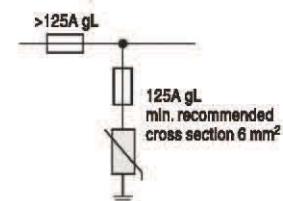
Technical data

Type	150	275	320	385	440
In accordance with	IEC-61643-1				
Max. continuous operating voltage (AC/DC)	U_c 275/350V				
Nominal discharge current (8/20)	I_n 20kA				
Max. discharge current (8/20)	I_{max} 45kA				
Protection level	U_p < 1.5kV				
Follow current	I_f NO				
Response time	t_A < 25ns				
Residual current at U_c	I_{PE} < 1.5mA				
Thermal protection	YES				
Terminal screw torque	max. 4.5Nm				
Back-up fuse (if mains > 125A)	125A gL				
Short-circuit withstand current	25kA / 50Hz				
Temperature range	- 40°C + 80°C				
Terminal cross section	35mm ² (solid) / 25mm ² (stranded)				
Mounting EN 60715	35mm top-hat rail				
Degree of protection	IP 20				
Housing material	thermoplastic; extinguishing degree UL 94 V-0				
Dimensions DIN 43880	1TE				
Weight per unit	128g				
DVSCR27545 (with remote contacts)					
Remote contacts	YES				
Contact ratings	AC: 250V/0.5A; 125V/3A				
Terminal cross section	max. 1.5mm ²				
Remote terminal torque	0.25Nm				
Weight per unit	133g				
Packaging dimensions (single unit)	108 x 74 x 24mm				

Connection diagram DVSC27545



Selection of back-up fuse



Dimensions

