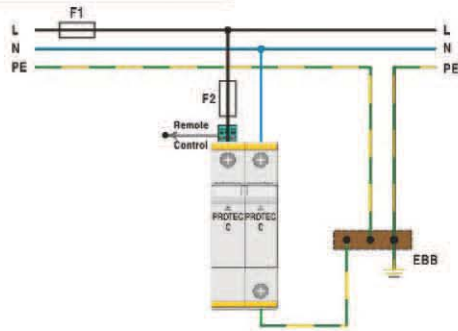


DVSC275 45 2 TNS

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

TN-S Network (Single-phase)



Technical data

Type	275
In accordance with	IEC-61643-1
Max. continuous operating voltage (AC/DC)	U_C 275/350V
Nominal discharge current (8/20)	I_n 20kA per pole
Max. discharge current (8/20)	I_{max} 45kA per pole
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	2TE
Weight per unit	244g

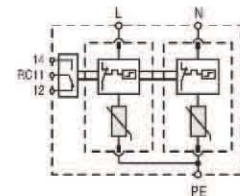
DVSCR275452TNS (with remote contacts)

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	249g

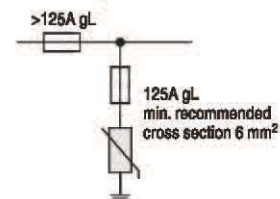
Packaging dimensions (single unit)	109 x 76.5 x 41.5mm
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Connection diagram

DVSC275 45 2 TNS



Selection of back-up fuse



Dimensions

