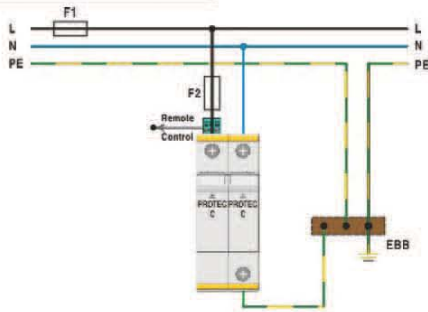


DVSC275 45 2 TNS

**Multi-pole
Surge Arrester
4 pole (8/20)**

$I_{max} =$

TN-S Network (Single-phase)

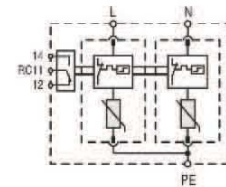


Technical data

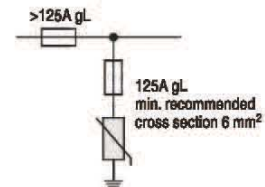
Type	275
In accordance with	IEC-61643-1
Max. continuous operating voltage (AC/DC) U_C	275/350V
Nominal discharge current (8/20) I_n	20kA per pole
Max. discharge current (8/20) I_{max}	45kA per pole
Protection level U_p	< 1.5kV
Follow current I_f	NO
Response time t_A	< 25ns
Residual current at U_C I_{PE}	< 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

Connection diagram

DVSC275 45 2 TNS



Selection of back-up fuse



Dimensions

