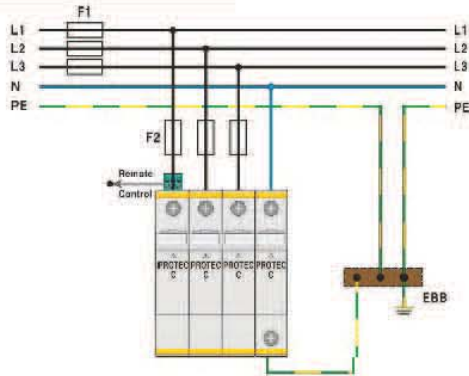


DVSC 400 45 4 TNS

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

TN-S Network (Three-phase)



Technical data

Type

In accordance with IEC-61643-1

Max. continuous operating voltage (AC/DC)	U_c	320/420V
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 main > 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	4TE
Weight per unit	456g

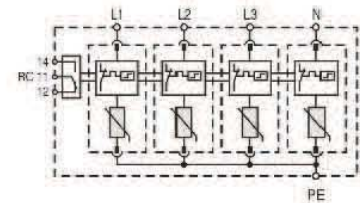
DVSC400454TNS (with remote contacts)

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	461g

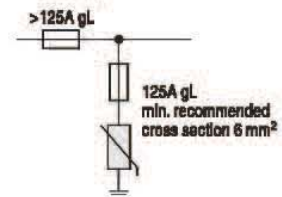
Packaging dimensions (single unit) 109 x 76.5 x 78mm

Connection diagram

DVSC400454TNS



Selection of back-up fuse



Dimensions

