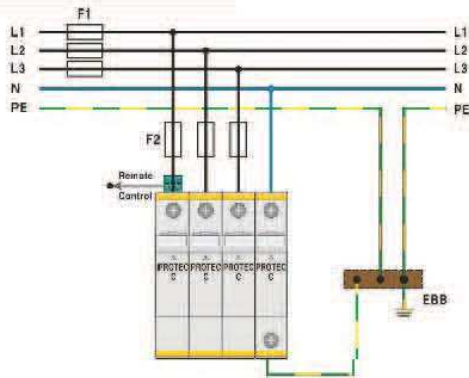


# DVSC 400 45 4 TNS

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

## TN-S Network (Three-phase)

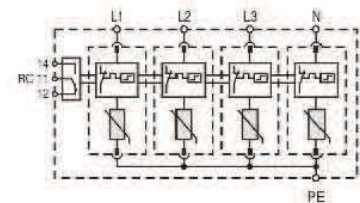


## Technical data

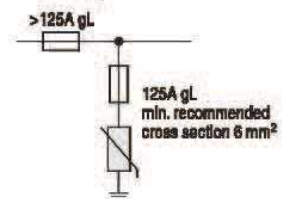
Type	
In accordance with	IEC-61643-1
Max. continuous operating voltage (AC/DC) $U_c$	320/420V
Nominal discharge current (8/20) $I_n$	20kA per pole
Max. discharge current (8/20) $I_{max}$	45kA per pole
Protection level $U_p$	< 1.5kV
Follow current $I_f$	NO
Response time $t_A$	< 25ns
Residual current at $U_c$ $I_{PE}$	< 1.5mA
Thermal protection	YES
Terminal screw torque	max. 4.5Nm
Back-up fuse (if mains > 125A)	125A gL
Short-circuit withstand current	25kA / 50Hz
Temperature range	-40°C .... +80°C
Terminal cross section	35mm <sup>2</sup> (solid) / 25mm <sup>2</sup> (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
<b>DVSC400454TNS (with remote contacts)</b>	
Remote contacts	YES
Contact ratings	AC: 250V/0.5A; 125V/3A
Terminal cross section	max. 1.5mm <sup>2</sup>
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

