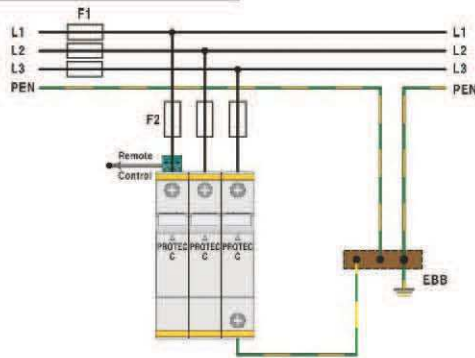


# DVSC400 45 3 TNC

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

## TN-C 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	3TE
Weight per unit	352g

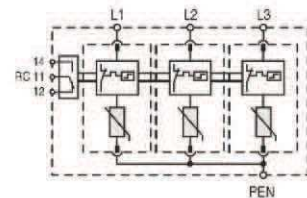
### DVSCR400453TNC (with remote contacts)

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	357g

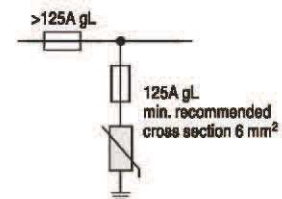
Packaging dimensions (single unit)	109 x 78.5 x 60mm
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## Connection diagram

### DVSC400 45 3 TNC



## Selection of back-up fuse



## Dimensions

