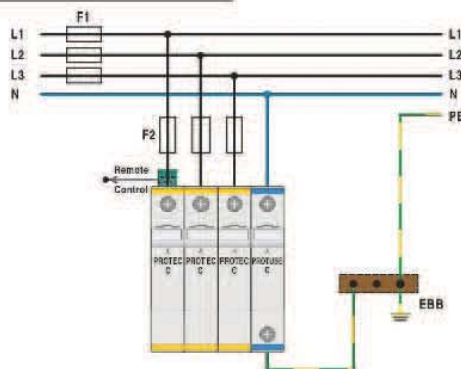


DVSC400 45 4 TT

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

TT 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 (MOV/GDT)

20/20kA

Max. discharge current (8/20)

I_{max} (MOV/GDT)

45kA

Protection level

U_p (MOV)

< 1.5kV

U_p (GDT)

< 2.0kV

Follow current

I_f (GDT)

> 100ARMS

Response time

t_A (MOV/GDT)

< 25ns / 100ns

Residual current at U_c

I_{PE} (MOV/GDT)

< 1.5mA / -

Thermal protection

(MOV/GDT)

YES

Terminal screw torque

max 4.5Nm

Back-up fuse (if mains > 125 A)

(MOV/GDT)

125A gL / -

Short-circuit withstand current

25kA/50Hz / -

Temperature range

- 40°C ... +80°C

Terminal cross section

35mm² (solid) / 25mm² (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

441g

DVSCR400454TT (with remote contacts)

Remote contacts

YES

Contact ratings

AC: 250V/0.5A; 125V/3A

Terminal cross section

max. 1.5mm²

Remote terminal torque

0.25Nm

Weight per unit

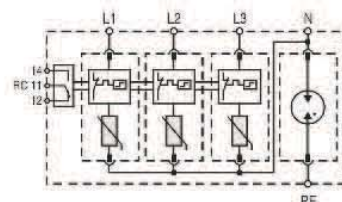
446g

Packaging dimensions (single unit)

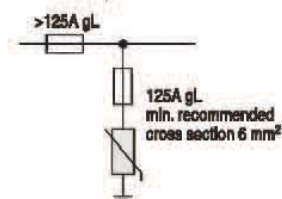
109 x 76.5 x 78mm

Connection diagram

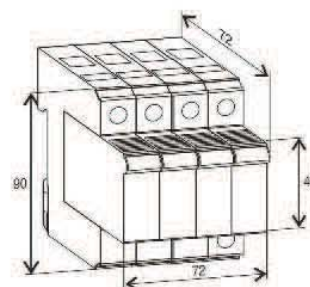
DVSC400454TT



Selection of back-up fuse



Dimensions



www.roxburgh-emc.com

