

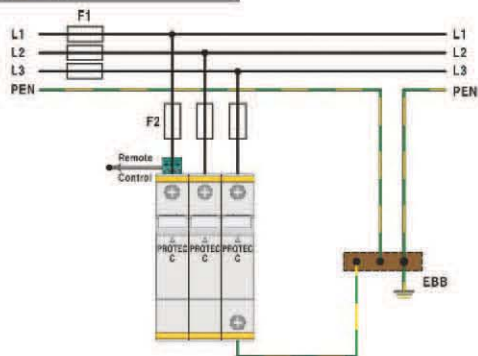
DVSC400 45 3 TNC

Multi-pole

Surge Arrester

$I_{max} = 45\text{kA}$ 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 ² (solid) / 25mm ² (stranded)
Mounting EN 80715	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

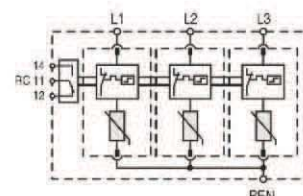
DVSCR400453TNC (with remote contacts)

Remote contacts	YES
Contact ratings	AC: 250V/0.5A; 125V/3A
Terminal cross section	max. 1.5mm ²
Remote terminal torque	0.25Nm
Weight per unit	357g

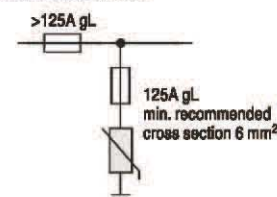
Packaging dimensions (single unit)	109 x 78.5 x 60mm
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Connection diagram

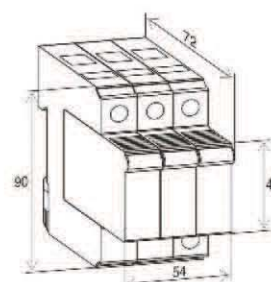
DVSC400 45 3 TNC



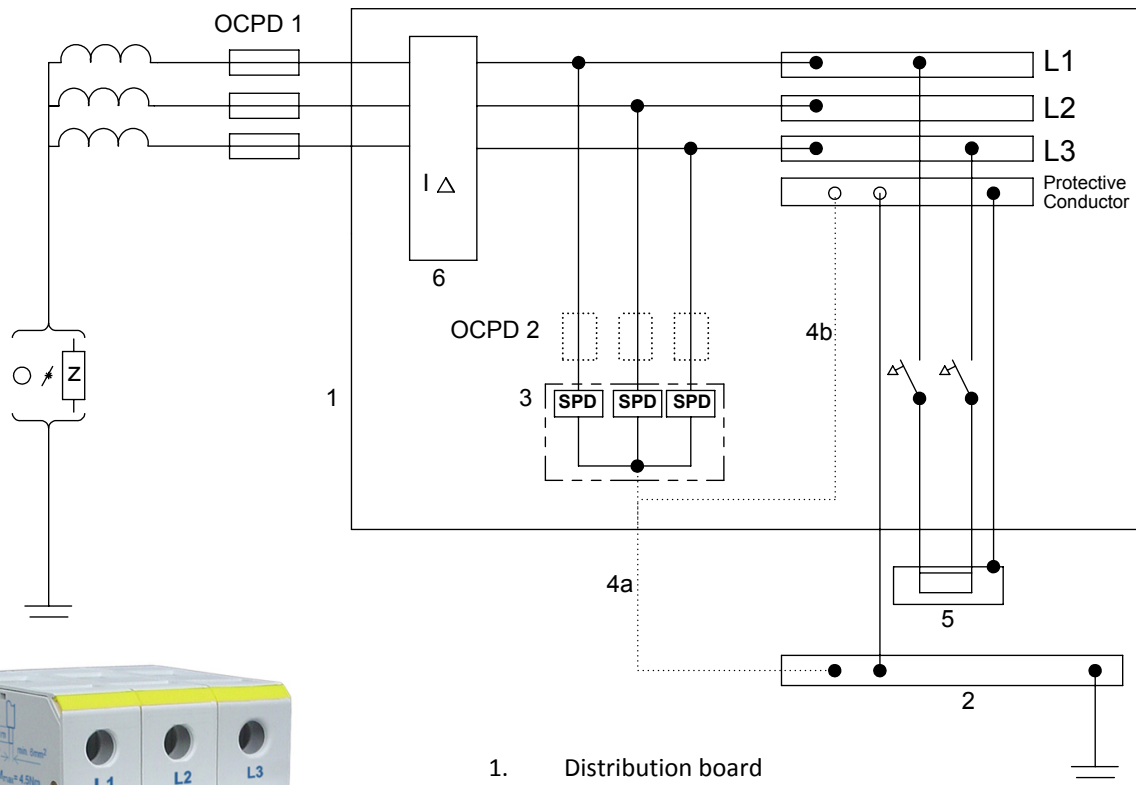
Selection of back-up fuse



Dimensions

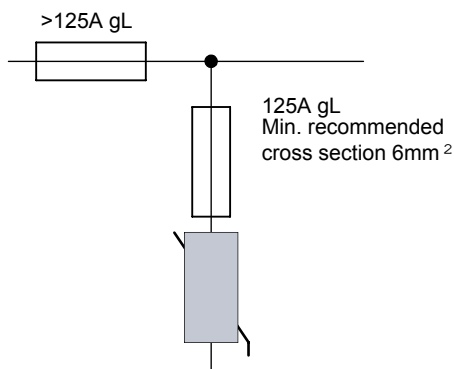


Surge Protection Device recommended for use with IT systems



1. Distribution board
2. Main earthing terminals or bar
3. Surge protective devices ensuring a protection level in accordance with overvoltage Category II
4. Earthing connection of surge protective devices, either 4a or 4b, whichever is the shorter route
5. Current-using equipment
6. Residual current protective device (RCD)

OCPD 1: Overcurrent protective device at the origin of the installation
OCPD 2: Overcurrent protective device



Type DVSC400453TNC

In accordance with		IEC-61643-1
Max. continuous operating Voltage (AC/DC)	U_c	320/420V
Nominal discharge current (8/20) I_n	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 EN60715		35mm top-hat rail
Degree of protection		IP20
Housing material		thermoplastic; extinguishing degree UL 94 V-0
Dimensions DIN 43880		3TE
Weight per unit		352g
Packaging dimension (single unit)		109x76.5x60mm