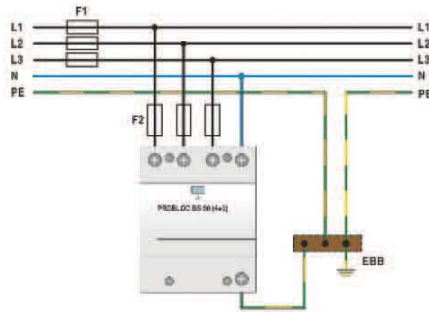


# DVSB 400 65 4 TNS

**Multi-pole**  
**Lightning and Surge Arrester**  
 $I_{imp} = 12.5kA$  per pole (10/350)

Category IEC/EN/VDE:	Class I, II/Type 1,2/B+C
Location of use:	Main distribution boards
Protection modes:	L/N - PE
Protective element:	High energy MOV
High surge discharge ratings:	$I_{imp} = 12.5kA$ per pole
Housing:	Compact design

## TN-S Network (Three-phase)



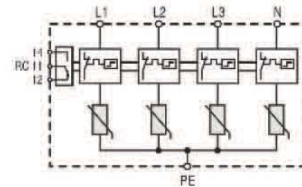
## Technical data

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)	$I_{max}$ 65kA per pole
Impulse current (10/350)	$I_{imp}$ 12.5kA per pole
Impulse current (L1+L2+L3+N-PE)	$I_{imp}$ 50kA
Specific energy	39kJ/Ω per pole
Charge	6.25As per pole
Protection level	$U_p$ < 1.5kV
Residual voltage at $I_{imp}$	$U_{res}$ < 1.2kV
Follow current	$I_f$ NO
Response time	$t_A$ < 25ns
Residual current at $U_C$	$I_{PE}$ < 2.5mA
Thermal protection	YES
Terminal screw torque	max. 4.5Nm
Back-up fuse (if mains > 250 A)	250A 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 UL94 V-0
Dimensions DIN 43880	4TE
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	467g
Packaging dimensions (single unit)	109 x 76.5 x 78mm

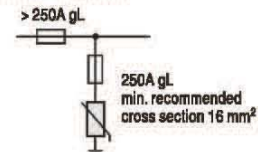


## Connection diagram

DVSB400654TNS



## Selection of back-up fuse



## Dimensions

