

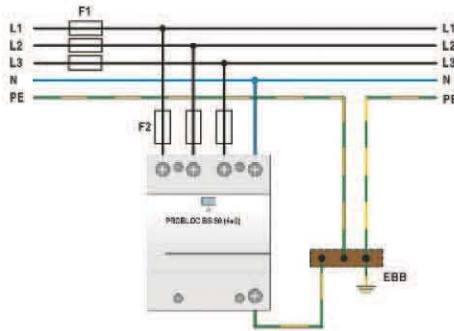
DVSB 400 65 4 TNS

**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:	$I_{imp}=12.5kA$ / pole
Housing:	Compact design



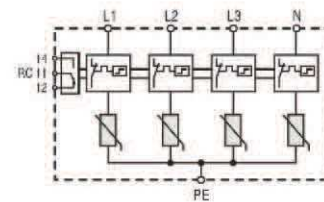
TN-S Network (Three-phase)



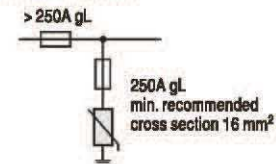
Technical data

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		8.25As 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 ² (solid)/25mm ² (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 ²
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

