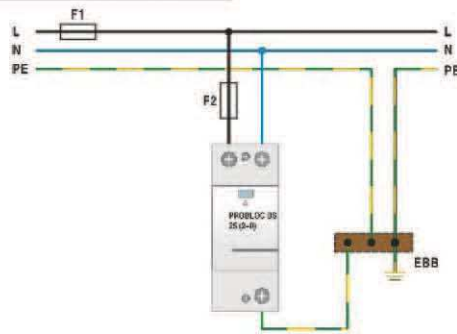


# DVSB275652TNS

**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 (Single-phase)

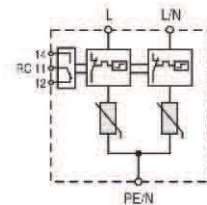


## Technical data

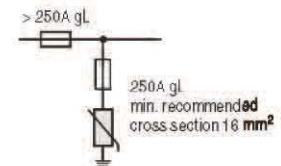
Type	275	
In accordance with	IEC-61643-1	
Max. continuous operating voltage (AC/DC)	$U_c$	275/350V
Nominal discharge current (8/20)	$I_n$	20kA per pole
Max. discharge current (8/20)	$I_{max}$	50kA per pole
Impulse current (10/350)	$I_{imp}$	12.5kA per pole
Impulse current (L+N-PE)	$I_{imp}$	25kA
Specific energy	39kJ/Ω	
Charge	8.25As	
Protection level	$U_p$	< 1.3kV
Residual voltage at $I_{imp}$	$U_{res}$	< 1.1kV
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 > 250A)	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 UL 94 V-0	
Dimensions DIN 43880	2TE	
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	256g	
Packaging dimensions (single unit)	109 x 76.5 x 41.5mm	



Connection diagram  
DVSB275652TNS



## Selection of back-up fuse



## Dimensions

