

SAFETEC C(R) 750 (3+0) WT

Class II Multi-pole Surge Protective Devices
 $I_{max} = 25kA$ per pole (8/20)

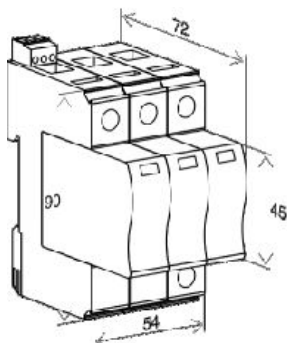


- ◆ Category IEC / EN / VDE: Class II / Type 2 / C
- ◆ Location of use: Branch sub-distribution boards
- ◆ Connections: TN-C
- ◆ Protection modes: L - PEN
- ◆ Protective element: MOV
- ◆ High surge discharge rating: $I_{max} = 25kA$ per pole
- ◆ Safety: Immunity against TOV
- ◆ Housing: Modular design
- ◆ Complies with: IEC-61643-1

Technical data

Type	SAFETEC C(R) 750 (3+0) WT	
Electrical characteristics		
Max. continuous operating voltage (AC/DC) U_c		750/1000V
Nominal discharge current (8/20) I_n (L-PEN/L1+L2+L3-PEN)		12.5kA per pole/37.5kA
Max. discharge current (8/20) I_{max} (L-PEN/L1+L2+L3-PEN)		25kA per pole/75kA
Protection level U_p		< 2.8kV
Follow current I_f		NO
Response time t_A		< 25ns
Thermal protection		YES
Short-circuit withstand current		25kA/50Hz
Mechanical characteristics		
Temperature range		- 40°C+ 80°C
Terminal screw torque		max. 4.5Nm
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 UL 94 V-0
Dimensions DIN 43880		3TE
Weight per unit		364g
Ordering code SAFETEC C 750 (3+0) WT		516 055
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		369g
Ordering code SAFETEC CR 750 (3+0) WT - with remote contacts		516 056
Packaging dimensions (single unit)		109 x 76.5 x 60mm
Ordering code Module SAFETEC C(R) 750 (3+0) WT - with remote contacts		516 057
Packaging dimensions (12 pcs.)		219 x 62 x 47mm

Dimensions



Connection diagram

