

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

Class II Multi-pole Surge Protective Devices

$I_{max} = 25kA$ per pole (8/20)

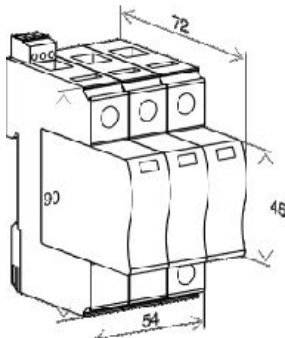


◆ Category IEC / EN / VDE:	Class II / Type 2 / C
◆ Location of use:	Branch sub-distribution boards
◆ Connections:	TN-C
◆ Protection modes:	L - PEN
◆ Protective element:	MOV
◆ High surge discharge rating:	$I_{max} = 25kA$ per pole
◆ Safety:	Immunity against TOV
◆ Housing:	Modular design
◆ Complies with: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

