



CLASS 11 SURGE PROTECTION DEVICES

Items:

GPT 275
GPTR 275



- ◆ Category IEC / EN / VDE: Class II / Type 2 / C
- ◆ Location of use: Branch sub-distribution boards
- ◆ Connections: TN-S, TN-C, IT
- ◆ Protection modes: L/N - PE, L- PEN
- ◆ Protective element: MOV
- ◆ High surge discharge rating: $I_{max} = 40kA$
- ◆ MOV max withstand capability 1 x 8/20: 60kA
- ◆ Housing: Modular design
- ◆ Complies with: IEC-61643-1

Technical data

Type 275

Electrical characteristics

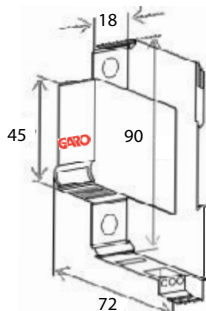
Max. continuous operating voltage (AC/DC) U_c		275/350V
Nominal discharge current (8/20) I_n		20kA
Max. discharge current (8/20) I_{max}		40kA
Protection level U_p		< 1.5kV
Follow current I_f		NO
Response time t_A		< 25ns
Thermal protection		YES
Back-up fuse (if mains > 125A)		125A gL
Short-circuit withstand current		25kA/50Hz

Mechanical characteristics

Temperature range		-40°C +80°C
Terminal screw torque		max. 4.5Nm
Terminal cross section		35mm solid/25mm stranded
Mounting EN 60715		35mm top-hat rail
Degree of protection		IP 20
Housing material		Thermoplastic; extinguishing UL 94 V-0
Dimensions DIN 43880		1 TE
Weight per unit		128g
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		133g
Packaging dimensions (single unit)		108 x 74 x 24mm
Packaging dimensions (12 pcs.)		219 x 62 x 47mm

Available in 1,2,3 & 4 pole. With or without relay.

Dimensions single pole



Connection diagram

