

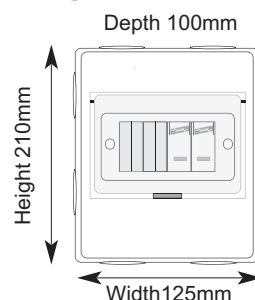
⚠ Important Safety Notice ⚠

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to. Terminals, including factory fitted, should be checked periodically to ensure correct tightness.

DO NOT USE POWER TOOLS ON THESE PRODUCTS



- Premounted with modular surge arrestors (part no. 941110)
- Ready to install equipment for use according to the lightning protection zones concept as required in BSEN 62305-4.
- Quick and easy installation as premounted with spark-gap-based combined lightning current and surge arrester
- Discharge capacity I_{imp} up to 25kA (10/350 μ s)
- Co-ordinated lightning current and surge arrester
- Operating state / fault indication by mark in the inspection window.
- Enclosure with transparent cover, degree of protection: IP65



7869411 Technical Details	
SPD Features	
SPD according to EN 61643-11 / IEC 61643-1/-11	Type 1 / Class1
Energy coordination with terminal equipment	Type 1 + Type 2
Energy coordination with terminal equipment ($\leq 5m$)	Type 1 + Type 2 + Type 3
Nominal a.c voltage [U_N]	230V
Max. continuous operating a.c voltage [U_C]	255V
Lightning impulse current (10/350 μ s) [L+N-PE] (I_{total})	25kA
Specific energy [L+N-PE] (W/R)	156.25 kJ/ohms
Lightning impulse current (10/350 μ s) [L+N] / [N-PE] (I_{imp})	12.5 / 25kA
Specific energy [L-N]/[N-PE] (W/R)	39.06 / 156.25 kJ/ohms
Nominal discharge current (8/20 μ s) [L-N]/[N-PE] (I_n)	12.5 / 25 kA
Voltage protection level [L-N]/[N-PE] (U_p)	<1.5 / $\leq 1.5kV$
Follow current extinguishing capability [L-N]/[N-PE] (I_{fi})	25kA _{rms} / 100A _{rms}
Follow current limitation / selectivity	No tripping of a 32A gL/gG fuse up to 25kA _{rms} (prosp.)
Response time (t_A)	≤ 100 ns
Max. mains-side overcurrent protection	160A gL/gG
Temporary overvoltage (TOV) [L-N] (u_T)	440V / 5 sec.
Temporary overvoltage (TOV) [N-PE] (u_T)	1200V / 200 ms
TOV characteristic	Withstand
Operating temperature range (T_U)	-40°C ... + 80°C
Operating state / fault indication	Green / red
Number of ports	1
Cross-sectional area (L,N,PE, $\frac{1}{2}$) (min.)	1.5mm ² solid / flexible
Cross-sectional area (L,N,PE, $\frac{1}{2}$) (max.)	35mm ² stranded / 25mm ² flexible
For mounting on	35mm DIN rails acc. to EN 60715
Enclosure material	Thermoplastic, red, UL 94 V-0
Enclosure technical data	
Degree of protection	IP65
Cover	Transparent door
Colour of enclosure	Grey polycarbonate
Cable entry	8 cable entries
Capacity	3 module(s), DIN 43880
Material	ABS flame retardant
Dimensions	Height: 210 mm x Width: 125mm x Depth 100mm