

## For Surge Protection SPC3/230/10K/i, (SPD class III, type 3)

**For LED luminaires or electrical circuits**

### For electronic devices

These protective components are fitted with an LED indicator. Once the end of the component's life has been reached, the LED goes out and the protective component has to be replaced.

With an integrated thermal fuse

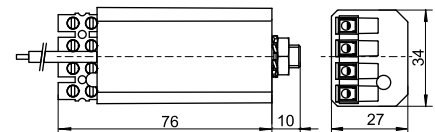
### Status display

If the green LED goes out, the device has been damaged and must be replaced by a suitably qualified member of staff.

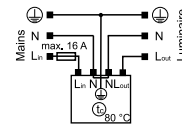
### Safety Information

Installation and initial operation must be carried out only by qualified staff, during which the respective safety and accident prevention instructions must be strictly observed.

- Devices must be disconnected from the power source prior to performing any work on them.
- Never use damaged devices.
- The SPC3/230/10K/i is designed for use in casings that are suitable for outdoor use and/or in buildings or protected facilities; the device must be adequately protected against environmental factors such as water.



### Wiring diagram



Technical details	142738	142742
No. of ports	1	
Nominal voltage $U_N$	100 V AC...277 V AC	
Rated load current $I_L$	16 A	
Highest continuous voltage $U_C$	305 V AC	
Combined impulse $U_{OC}$	10 kV	
Short-circuit current rating ISCCR	4.5 kA	
Residual current $I_{PE}$	1 $\mu$ A	
External fuse	16 A MCB B16, RCD	
Permissible ambient temperature range	-40 to 80 °C	
Permissible humidity level	5...95%	
Degree of protection	IP20	
PE connection wire	2.5 mm <sup>2</sup> , length: 150 mm	2.5 mm <sup>2</sup> , earthing wire with M4 ring-tongue, length: 150 mm
Screw terminal	0.75-2.5 mm <sup>2</sup>	
Max. torque on terminal	0.6 Nm	
Fixing bolts	M8x10	
Test standards	EN 61643-11	
Test class	T3	
System	TN, TNS, TNCS, TT and IT	

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.