

## Module of varistor surge protective device type 1+2 (class B+C) SPMO30B+C



## Ordering code

SPMO30B+C

## Product description

Surge protective devices of SPMO series by Spamel are used in electrical switchboards in apartments, houses and small utility buildings. The surge protective devices are used to protect electrical installations by preventing the penetration of surge currents into the power line. Compliance with the standard IEC/EN 61643-11. **The product was tested at the Institute of Plasma Physics and Microfusion**

## Diagram



## Technical data

Surge protective device	Type 1+2, Class I+II
Network type	TN-S/TN-C
Rated voltage AC U <sub>n</sub>	230/400 V
The highest continuous operating voltage AC U <sub>c</sub>	275 V
Voltage protection level U <sub>p</sub>	≤ 1,5 kV
Nominal discharge current I <sub>n</sub> (8/20μs)	30 kA
Maximum discharge current I <sub>max</sub> (8/20μs)	60 kA
Surge discharge current I <sub>imp</sub> (10/350μs)	4,5 kA
Leakage current I <sub>pe</sub>	< 0,5mA
Short-circuit current I <sub>sCCR</sub>	20 kA
Maximum additional fuse	125 gL/gG
Frequency	50/60 Hz
Insulation resistance R <sub>ISOL</sub>	> 10 <sup>3</sup> MΩ
Insert status	green - OK, red - no protection
Tightening torque, terminals	2.0 Nm
Wire gauge (solid, stranded)	6...35 mm <sup>2</sup> / 4...25 mm <sup>2</sup>
Remote fault signaling	yes
Degree of protection	IP20
Operating temperature	-40°C...+85°C
Permissible humidity R <sub>h</sub>	≤ 95%
Mounting method	TH35 rail
Base material	PA6, UL94-V0 Flammability Test
Insert material	PBT, UL94-V0 Flammability Test
Installation site	Indoor use only