

# Technical data sheet

## POP surge protection

Item number: 5092787



Transient and permanent surge protection. For three-phase cables. Supply with 240 VAC. Can be connected with a 240 VAC maximum/emission coil or contactor.

Protection against permanent surge voltages, which are caused by an increase in the mains voltage, and transient surge voltages, which are caused by lightning strikes or mains switching operations in three-phase systems, which can be connected with any IGA or shaped housing available on the market.

POP according to UNE-EN 50550 and IEC 63052.



### Master data

Item number	5092787
Type	SPT-TR-Trigger
Description 1	Power overvoltage protection
Description 2	3+NPE Permanent + Transient,FS
Manufacturer	OBO
Dimension	400V
Smallest sales unit	1
Unit of quantity	Piece
Weight	42.8 kg
Weight unit	kg/100 pc.

### Technical data

Connection cross-section (min.)	4 mm <sup>2</sup>
Connection cross-section, FM terminals, max.	16 AWG
Connection cross-section, FM terminals, max.	1.5 mm <sup>2</sup>
Connection cross-section, FM terminals, min.	21 AWG
Connection cross-section, FM terminals, min.	0.5 mm <sup>2</sup>
Pole version	3+N/PE

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Structural width in division units (division unit, 17.5 mm)	4
Operating temperature, max.	70 °C
Operating temperature, min.	-20 °C
Torque for FM terminal	1.7 Lbs
Torque for FM terminal	0.2 Nm
Installation location	Interior
Remote signalling	yes
FM contacts	NC contact
Function/defect display	Visual
Humidity, max.	80 %
Humidity, min.	5 %
Maximum discharge current (8/20 µs)	40 kA
Maximum discharge current (8/20 µs) [L-N]	40 kA
Installation type	DIN rail 35 mm
Nominal voltage AC (50/60 Hz)	240 V
Network form	Other
Test class, type 2	yes
Switching power AC	250 V; 6 A
Switching power DC	30 V; 6 A
Protection rating	IP20
Protection level	≤1,5
Signalling on device	Visual
SPD to EN 61643-11	Type 2
Cable type for surge protection devices	Power cable AV