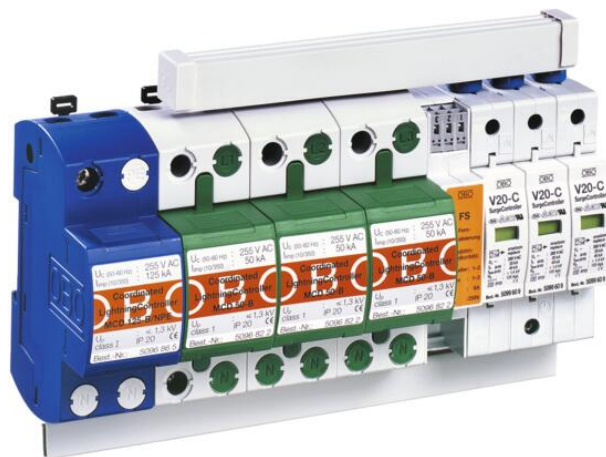


Technical data sheet

Protection Set PS4-B+C FS

Item number: 5089611



Protection set with remote signalling, lightning and surge arrester type 1+2

- Arresting capacity 100 kA 10/350 μ s, BET tested
- Pre-mounted and ready for connection, incl. connecting bridges, labelled connection terminals
- With remote signalling and potential-free changeover contact for function monitoring
- For use in TN-S and TT network systems

Note: Max. backup fuse (required only if not already fitted in network) 125 A gL/gG



Master data

Item number	5089611
Type	PS4-B+C FS
Description 1	Protection set
Description 2	with remote signalling
Manufacturer	OBO
Dimension	255V
Smallest sales unit	1
Unit of quantity	Piece
Weight	214 kg
Weight unit	kg/100 pc.

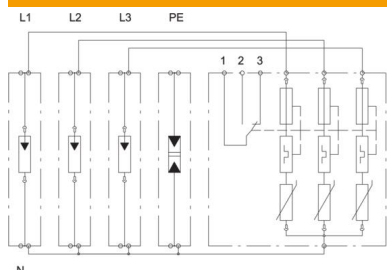
Technical data sheet

Protection Set PS4-B+C FS



Item number: 5089611

Technical data



Arrester surge current (8/20 μ s) [total]	100 kA
Response time	<25 ns
Version for	3+1-pole with FS; 255 V
Pole version	3+N/PE
Structural width in division units (division unit, 17.5 mm)	12th
Operating temperature, max.	80 °C
Operating temperature, min.	-40 °C
Lightning surge current (10/350 μ s)	50 kA
Lightning surge current (10/350 μ s) [N/PE]	125 kA
Lightning surge current (10/350 μ s)	100 kA
Remote signalling	yes
Follow current quenching capacity (eff) [N-PE]	25 kA
Follow current quenching capacity leff	12.5
Maximum continuous voltage (L-N)	255 V
Maximum continuous voltage (N-PE)	255 V
Maximum continuous voltage AC	255
Short-circuit resistance	25 kA
Short-circuit resistance for max. mains-side overcurrent protection	25 kA
Conductor cross-section, rigid (single-wire/multiwire), max.	50 mm ²
Conductor cross-section, rigid (single-wire/multiwire), min.	10 mm ²
Lightning protection zone LPZ	0→2
Max. mains-side overcurrent protection	125
Maximum back-up fuse	125 A
Maximum discharge current (8/20 μ s)	100 kA
Nominal discharge current (8/20 μ s)	100 kA
Nominal voltage AC (50/60 Hz)	230 V
Protection rating	IP20
Protection level	≤1,3
Signalling on device	Visual
SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-1	Class I+II