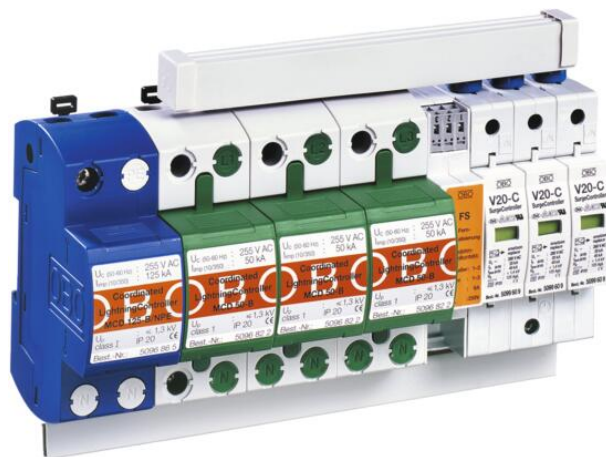


Technical data sheet

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

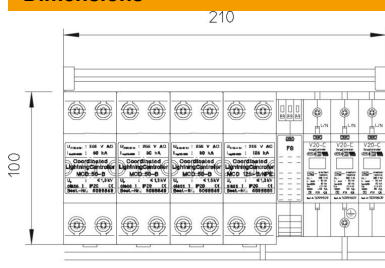
Note: Max. backup fuse (required only if not already fitted in network) 125 A gG/gG



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.
CO2 Footprint (GWP) Cradle-to-Gate	8,3453 kg COe / 1 Piece

Dimensions



Technical data sheet

Protection Set PS4-B+C FS

Item number: 5089611



Technical data

	Arrester surge current (8/20 µs) [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 µs)	50 kA
	Lightning surge current (10/350 µs) [N/PE]	125 kA
	Lightning surge current (10/350)	100 kA
	Remote signalling	yes
	Follow current quenching capacity (eff) [N-PE]	25 kA
	Follow current quenching capacity Ieff	12.5 kA
	Maximum continuous voltage (L-N)	255 V
	Maximum continuous voltage (N-PE)	255 V
	Maximum continuous voltage AC	255 V
	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 µs)	100 kA
	Nominal discharge current (8/20 µs)	100 kA
	Nominal voltage AC (50/60 Hz)	230 V
Protection rating	IP20	
Protection level	≤1,3 kV	
Signalling on device	Visual	
SPD to EN 61643-11	Type 1+2	
SPD to IEC 61643-1	Class I+II	
Permitted temperature range, max.	80 °C	
Permitted temperature range, min.	-40 °C	