









Measuring and testing systems

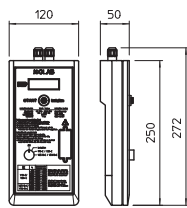
HINWEIS!
Isolierter Blitzschutz mit dem
OBO isCon®-System.
Änderungen sind nur von einer
Blitzschutzfachkraft
durchzuführen!



Measuring and testing systems

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ISOLAB measuring system arrestor tester



Type	Country version	Nom. voltage V	Measuring range	Pack. Weight		Item No.
				pcs	kg/100 pcs.	
ISOLAB	D/GB	6	0 V - - 999 V	1	165,000	5096812

/pc.

To test the insulation resistance to DIN VDE 0100 Part 610 and the characteristic curve behaviour of the following surge voltage and lightning current arrestors:

- V10-C and V20-C:

Uc	Tolerance range
75 V	-> 110 V - 130 V
150 V	-> 215 V - 265 V
280 V	-> 385 V - 475 V
320 V	-> 460 V - 560 V
335 V	-> 460 V - 560 V
385 V	-> 560 V - 680 V
440 V	-> 645 V - 785 V
550 V	-> 820 V - 1,000 V
- V25-B+C and V50-B+C:

Uc	Tolerance range
150 V	-> 215 V - 265 V
280 V	-> 385 V - 475 V
320 V	-> 460 V - 560 V
385 V	-> 560 V - 680 V

- Varistor arrestors of other manufacturers can be tested for 1 or 3 mA characteristic curve behaviour
- Battery operation
- Measuring cables contained in the scope of delivery.

Testing unit for lightning barriers



Type	Pack. Weight		Item No.
	pcs	kg/100 pcs.	
LFC	1	164,500	5096786

/pc.

OBO Life Control allows function control of the MDP lightning barriers.

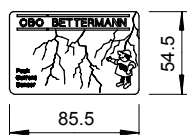
The lightning barriers can be checked while installed. Life Control will not have any influences on the measuring signal.

Life Control possesses an integrated OLED with visual and acoustic defect signalling. A separate LED inside the testing pin is also integrated.

Life Control is delivered in a case, complete with a CD and instructions.



Magnetic card PCS



Type	Pack. Weight		Item No.
	PU	kg/100 PUs	
PCS	1	8,000	5091438

/VPE

Magnetic card for recording pulsed/lightning currents.

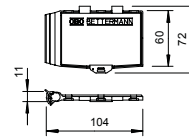
- Contents = 10 pieces

Magnetic card holder PCS-H



Type	Pack. PU	Weight kg/100 PUs	Item No.
PCS-H	1	31,000	5091527

/VPE



Magnetic card holder for mounting PCS cards.

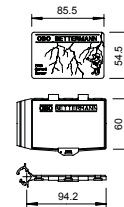
- Sealable holder
- For installing on round conductor Rd 8-10
- Simple holder installation by means of clamp
- 1 PU = 10 pieces

Magnetic card and holder MK-B



Type	Pack. PU	Weight kg/100 PUs	Item No.
MK-B	1	31,000	5091322

/VPE



PCS magnetic card to record pulse/lightning currents including holder

- Holder can be leaded
- For mounting on round conductor Rd 8-10
- Simple holder mounting through clamping
- 1 PU = 10 units

Card reader PCS-CS...:



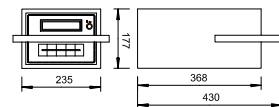
Type	Country version	Nom. voltage V	Measuring range	Measuring tolerances	Pack. pcs	Weight kg/100 pcs.	Item No.
PCS-CS-D	EN	230	3 -- 120 kA	< 2 kA (< 2%)	1	750,000	5091683
PCS-CS-GB	GB	230	3 -- 120 kA	< 2 kA (< 2%)	1	750,000	5091691

/pc.

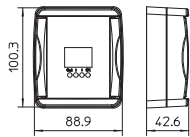


Magnetic card reader for reading and analysing PCS cards.

- Inc. rechargeable battery for 4 h continuous, no-mains operation
- Large, clear display



Lightning strike counter



Type Measuring range
LSC I+II | 1 kA - 100 kA

Pack. Weight
 pcs kg/100 pcs. **Item No.**

Plastic

1 | 36,000 | **5091722** /pc.

The LSC I+II lightning current meter measures and permanently saves pulse currents, together with the date and time. This ensures constant monitoring in order to notice if any lightning has struck the lightning protection system. Should this be the case, then the lightning protection system must be maintained according to VDE 0185-305 (IEC 62305).

- Saving and display of time and date
- Usable both inside and outside due to its protection class of IP65
- Cable clip for round conductor or flat conductor
- Direct mounting on the arrester or the PE cable of the surge protection device
- Long lifespan of the internal lithium batteries
- LCD display
- Internal battery