

Registration of lightning strikes

Lightning strike counter for discharge occurrences up to 100 kA

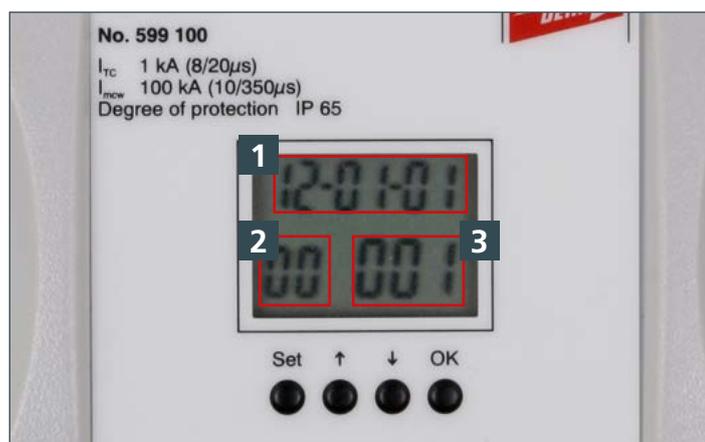


The LCD display of the lightning strike counter allows to access stored information for maintenance work.

DLSC 100 IP65 is a compact counter for lightning protection systems. It records the date, time and number of discharge occurrences, stores this information and indicates it on the digital LCD display.

- Detection up to 100 kA (10/350 μ s)
- Conformity with IEC/EN 62561¹⁾
- Fast installation directly on the round wire or flat strip of an existing down conductor
- Digital LCD display ensures easy access to data
- Intuitive operation by means of the front buttons
- Indication of stored lightning occurrences
- Robust, UV-resistant, water-tight and dust-proof enclosure with IP65 degree of protection

DLSC 100 IP 65	Part No. 599 100
Threshold current (8/20 μ s) (I_{TC})	1 kA
Max. discharge current (10/350 μ s) (I_{MCW})	100 kA
Clamping range Rd	8-10 mm
Clamping range Fl	30 mm
Number of recorded occurrences	up to 999
Degree of protection	IP 65
Operating temperature range (T_U)	- 20°C ... + 60°C
Dimensions (l x w x h)	140 x 90 x 43 mm
Weight	360 g



- 1 Date
- 2 Time (hour)
- 3 Number of discharge occurrences



¹⁾ IEC/EN 62561: Lightning protection system components (LPSC)

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The lightning strike counter is suited for new and existing installations. It is directly mounted on the flat strip or round wire of the down conductor.



Installation on a flat strip



Installation on a round wire

Benefits

- Easy installation on an existing down conductor:
Flat strips up to 30 mm / round wires from 8 to 10 mm
- Mounting brackets with screws for flat strips and round wires are included in delivery
- Existing installation does not have to be changed, e.g. disconnection of the existing down conductor

Target applications

- Registration of lightning strikes and implementation of adequate measures for testing lightning protection systems
- Monitoring of lightning protection systems to fulfil standards

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