



PBI-7

- Digital counter of current pulses caused by lightning strikes to the object's air-termination network.
- Mounted directly on the lightning down conductor.
- By connecting the counter to the down lead of the air-termination network it is possible to get a detailed overview of the number of discharges and their time.
- Powered by an independent battery pack, the average battery lifetime is 5 years.
- The counter meets the requirements of Type I and Type II, thus responds to the course of lightning and switching overvoltage.

Type		PBI-7
Type according to IEC 62561-6:2018		Type I, Type II
Recordable current (10/350)	I_{imp}	1 ÷ 100 kA
Recordable current (8/20)	I_{in}	1 ÷ 100 kA
Number of recorded discharges		0 ÷ 999
Degree of protection		IP65
Operating temperature	θ	-20 ÷ 60 °C
Storage temperature		-40 ÷ 80 °C
Battery type		2 x CR123A, 2 x CR17335SE
Average battery lifetime		5 years
Product placement environment		External
Installation		For overhead line Ø 8 mm, Flat 30 x 4 mm down conductor
Operating position		Any
Operation type		Permanent
Designed according to standards		
Lightning protection system components (LPSC) – Requirements for lightning strike counters (LSC)		IEC 62561-6:2018
Ordering, packaging and additional data		
Mass	m	410 g
Mass (including the packaging)	m	454 g
Packaging dimensions (H x W x D)		71 x 177 x 106 mm
Packaging value	V	1.33 dm ³
ETIM group		EG000021
ETIM class		EC002965
Customs tariff no.		90303370
EAN code		8590681160329
Art. number		70 047



The link in the QR code leads to the online presentation of the PBI-7. There, in addition to the always up-to-date data sheet, you will also find all diagrams and drawings, declarations of conformity, or 2D or 3D models and other necessary materials. For more information, visit www.hakel.com



Application wiring diagram (installation)

