



## HT-NET PoE+ 6cat 802.3at G

- Designed for protection and faultless data transmission within computer networks category 6, normative conformity with category 6A / EA, ISO / IEC 11801.
- Possibility to use PoE + according to IEEE 802.3at.
- Protect input electronic circuits of network cards against damage caused by surge effects in the LPZ Concept at the boundaries of LPZ 1 – LPZ 3.
- It is recommended to use at the input of protected equipment.
- Connection via RJ45 connector.
- High transmission speed 500 Mbit/s.

Type	HT-NET PoE+ 6cat 802.3at G	
Testing category according to IEC 61643-21:2000 and EN 61643-21:2001		C1, C2, C3
Connector type		RJ45
Rated operating DC voltage	$U_N$	0 ÷ 48 V
Maximum continuous operating voltage DC	$U_C$	58 V
Maximum continuous operating voltage AC	$U_C$	41 V
Rated load current	$I_L$	1 A
C1 Nominal discharge current (8/20) line/line	$I_n$	0.15 kA
C2 Nominal discharge current (8/20)	$I_n$	1 kA
C2 Voltage protection level at $I_n$ (line/line)	$U_p$	< 700 V
C2 Voltage protection level at $I_n$ (line/PE)	$U_p$	< 700 V
Data rate		500 Mbit/s
Bandwidth	B	0 ÷ 500 MHz
Lightning protection zone		LPZ 1-2, LPZ 2-3
Housing material		AlMgSi (EN AW 6060)
Degree of protection		IP20
Operating temperature	$\theta$	-40 ÷ 70 °C
Installation		On DIN rail 35 mm
Operating position		Any
Signalling at the device		None
Remote signalling		No
Normative conformity		Kat. 6A/EA, ISO/IEC 11801
PoE		IEEE 802.3at
<b>Designed according to standards</b>		
Requirements and test methods for SPDs connected to telecommunications and signalling networks		IEC 61643-21:2000
<b>Application standards</b>		
Protection against lightning		IEC 62305:2010

## Ordering, packaging and additional data

Mass	m	130 g
Mass (including the packaging)	m	145 g
Packaging dimensions (H x W x D)		34 x 126 x 88 mm
Packaging value	V	0.38 dm <sup>3</sup>
ETIM group		EG000021
ETIM class		EC000943
Customs tariff no.		85363010
EAN code		8590681119341
<b>Art. number</b>		<b>57 103</b>



The link in the QR code leads to the online presentation of the HT-NET PoE+ 6cat 802.3at G.

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.hakil.com](http://www.hakil.com)



## Internal diagram

