

Technical data sheet

Surge protection for high-speed networks up to 1 GBit
(Class ND-CAT6/E-B)
Item no. 5081804



Data cable protection device for high-speed networks

- Protection class: Basic protection
- High-quality RJ45 sockets
- Low protection level at high current load
- Earthing via DIN rail or connection cable
- Support of Power over Ethernet ++ (PoE++/4PPoE) to 1 A in accordance with IEEE 802.3
- Tested transmission quality in networks up to 1 GBit/s (Class E) or CAT6
- Rapid installation through plug-in version
- Incl. DIN rail fastening set and earthing cable

Application example: 1 GBit Ethernet, 10/100 MBit Ethernet, PoE applications, IP camera systems, ISDN S0 interfaces

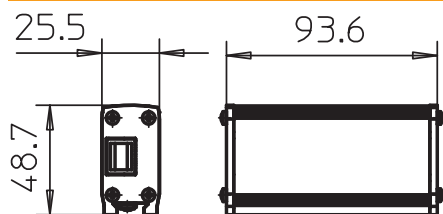


Alu Aluminium

Additional product text 1

- High-quality RJ45 sockets
- Support for Power over Ethernet + to 1 A
- Tested transmission quality in networks up to 1 GBit (Class E) or CAT6
- Rapid installation through connectable design
- Including fastening set for mounting on the DIN rail

Dimensions



Master data

Item no.	5081804
Type	ND-CAT6/E-B
Description 1	Net Defender basis protection
Description 2	for Class E/CAT6
Dimension	58V
Colour	Silver grey
RAL number	7001
Material	Aluminium
Material symbol	Alu
Smallest sales unit (VG)	1,00 Piece
Weight	16,22 kg/100 pc.

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	<p>1/4 1/4</p> <p>2/5 2/5</p> <p>3/7 3/7</p> <p>6/8 6/8</p> <p>PE</p>	<p>Category SPD to IEC 61643-21 Version Number of poles Channel performance ISO/IEC Channel performance Ansi/EA Insertion loss Earthing via: Explosion-tested version Telecommunications contact Total discharge current (8/20) Total discharge current (10/350) Frequency range Maximum continuous voltage AC Maximum continuous voltage DC Lightning protection zone LPZ Rated current Installation type Testing standard Shielding connection available Shield connection Protection rating Protection level wire-wire Protection level wire-earth Connection system Impulse durability wire-wire Impulse durability wire-earth Temperature range</p>	<p>Type 1 / D1 Class I / D1 Basic protection, 8 wires + shield 8,00 Class E CAT 6 ≤3 dB Connection cable / DIN rail <input type="checkbox"/> <input type="checkbox"/> 10 kA 2,5 kA >250 MHz 46,00 V 65,00 V 0→1 1,00 A Connector/cable adapter IEC 61643-21 Yes Direct IP10 <1100 V <900 V RJ45 8(8) C2: 3 kV / 1,5 kA (8/20µs) C2: 3 kV / 1,5 kA (8/20µs) -40+80 °C</p>
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