

### Surge protection for high-speed networks up to 10 GBit (Class EA/CAT6A)



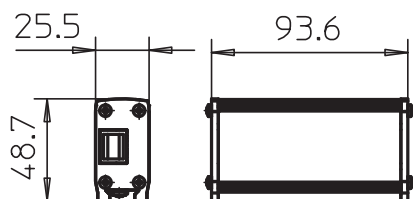
Data cable protection device for high-speed networks

- High-quality RJ45 sockets
- Low protection level at high current load
- Earthing via DIN rail or connection cable
- Support of Power over Ethernet + to 1 A
- Tested transmission quality in networks up to 10 GBit (Class EA) or CAT6A
- Rapid installation through plug-in version
- Incl. DIN rail fastening set and earthing cable

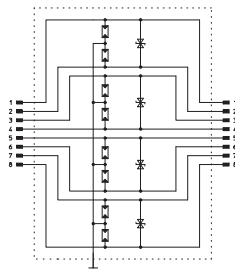
Application example: 10 GBit Ethernet, 10/100 MBit Ethernet, PoE applications, IP camera systems, ISDN S0 interfaces

Type	Version	Connection system	Pack. pcs	Weight kg/100 pcs.	Item No.
ND-CAT6A/EA	Fine protection, 8 wires + shield	RJ45 8(8)	1	16,600	5081800

#### Dimensions



#### Connection options



#### ND-CAT6A/EA

Maximum continuous voltage AC V	U <sub>c</sub> 41
Maximum continuous voltage DC V	U <sub>c</sub> 58
Category	Type 2+3 / C2+C1
Lightning protection zone LPZ	1→3
Channel performance ISO/IEC	Class EA
Channel performance Ansi/EA	CAT 6A
Number of poles	8
Rated current A	I <sub>n</sub> 1
Impulse durability wire-wire	C1: 0,3 kV / 0,15 kA (8/20μs)
Impulse durability wire-earth	C2: 2 kV / 1 kA (8/20μs)
Total discharge current (8/20) kA	7
Protection level wire-wire V	<120
Protection level wire-earth V	<700
Frequency range	>500 MHz
Temperature range °C	Θ -40-80
Installation type	Connector/cable adapter
Connection system	RJ45 8(8)
Protection rating	IP20
Shielding connection available	Yes
Shield connection	Direct
Earthing via:	Connection cable
Testing standard	IEC 61643-21