

Basic protection for 4-wire information technology systems with RJ45



Data line protection device for IT systems

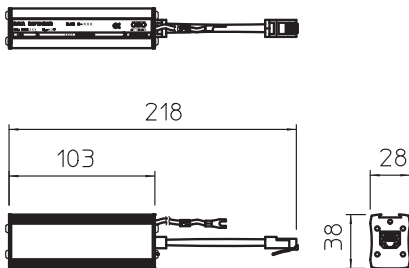


- In aluminium housing
- RJ45 connector
- Incl. 150 mm connection cable with RJ45 connectors
- Simple mounting using adapter
- 2-stage protection circuit
- DIN rail mounting with DLS-BS accessories (5082 38 2)

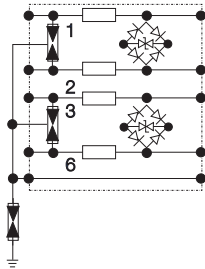
Application: Twisted Pair, control circuits, RJ45 communication cables

Type	Version	Connection system	Pack. pcs	Weight kg/100 pcs.	Item No.
RJ45 S-E100 4-B	Basic protection, 4 wires + shield	RJ45	1	14,000	5081001

Dimensions



Connection options



RJ45 S-E100 4-B

Maximum continuous voltage AC V	U_c	120
Maximum continuous voltage DC V	U_c	170
Category		Type 1+2 / D1+C2
Lightning protection zone LPZ		0-2
Number of poles		4
Rated current A	I_n	1
Series resistance per wire		-
Impulse durability wire-wire		C2: 3 kV / 1,5 kA (8/20 μ s)
Impulse durability wire-earth		C2: 3 kV / 1,5 kA (8/20 μ s)
Impulse discharge current (10/350) kA	I_{imp}	0,5
Total discharge current (8/20) kA		7,5
Total discharge current (10/350) kA		2,5
Protection level wire-wire V		<700
Protection level wire-earth V		<850
Frequency range		0 - 463 MHz
Insertion loss dB	S_{21}	≤ 3
Temperature range °C	ϑ	-40 +80
Installation type		Connector/cable adapter
Connection system		RJ45
Protection rating		IP40
Shielding connection available		Yes
Shield connection		Indirect
Earthing via:		Connection cable
Testing standard		IEC 61643-21