

Fine protection for 4-wire information technology systems with RJ45



Data line protection device for IT systems

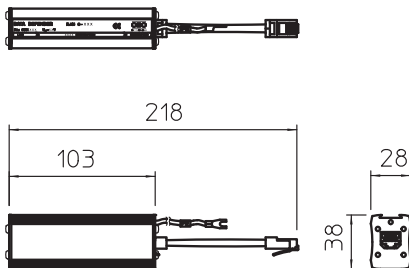


- In aluminium housing
- RJ45 connector
- Incl. 150 mm connection cable with RJ45 connectors
- Simple mounting using adapter
- 2-stage protection circuit
- DIN rail mounting with DLS-BS accessories (5082 38 2)

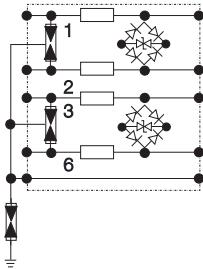
Application: Twisted Pair, control circuits, RJ45 communication cables

Type	Version	Connection system	Pack. pcs	Weight kg/100 pcs.	Item No.
RJ45 S-E100 4-F	Fine protection, 4 wires + shield	RJ45	1	14,000	5081005

Dimensions



Connection options



RJ45 S-E100 4-F

Maximum continuous voltage AC V	U_c	4,2
Maximum continuous voltage DC V	U_c	6,2
Category		Type 2+3 / C2+C1
Lightning protection zone LPZ		2→3
Number of poles		4
Rated current A	I_n	1
Series resistance per wire		–
Impulse durability wire-wire		C1: 1 kV / 0,5 kA (8/20 μ s)
Impulse durability wire-earth		C1: 1 kV / 0,5 kA (8/20 μ s)
Impulse discharge current (10/350) kA	I_{imp}	–
Total discharge current (8/20) kA		2,5
Total discharge current (10/350) kA		–
Protection level wire-wire V		<40
Protection level wire-earth V		<750
Frequency range		0 - 100 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