

Overvoltage protection network technology Ethernet, Twisted Pair, Cat 5

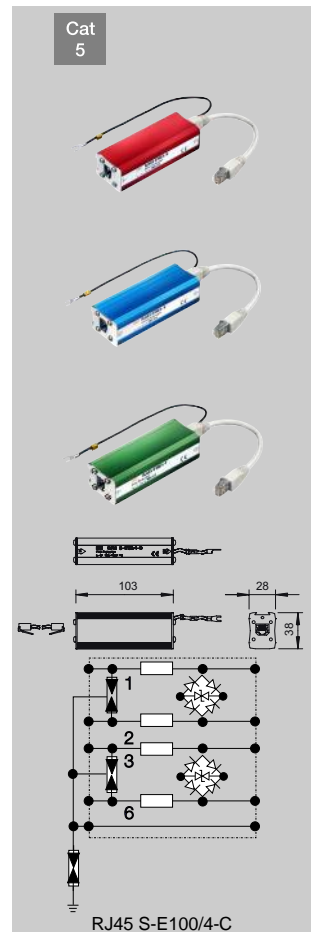
Data technology

Type	Version	Pack.	Weight	Art. No.	Price
		pcs	kg/% pc		price/pc
RJ 45 S-E100/4-B	Basic protection, 4 wires	1	21.000	5081 72 6	
RJ 45 S-E100/4-C	Combi protection, 4 wires	1	21.000	5081 73 4	
RJ 45 S-E100/4-F	Fine protection, 4 wires	1	21.000	5081 74 2	

Data line protection device for Ethernet, Twisted Pair, Cat 5 network systems.

- In aluminium housing
- RJ 45 connector
- Inc. 150 mm connecting cable with RJ 45 connectors
- Simple installation with adapter plug
- Two-stage protection circuit

			RJ 45 S-E100/4-B	RJ 45 S-E100/4-C	RJ 45 S-E100/4-F
U max AC	U_c	V	122	4.2	4.2
U max DC	U_c	V	170	6.2	6.2
LPZ			0-2	0-2	2-3
Pulsed current (10/350)	I_{imp}	kA	1.5	1.5	-
Nominal discharge current (8/20)	I_n	kA	7.5	7.5	7.5 / 0.5
Transmission frequency		f	155 MHz	70 MHz	100 MHz
Insertion loss	a/dB	a/dB	0.3 at 100 MHz	5 at 100 MHz	3 at 100 MHz
Series resistance	R	Ohm	-	4.7	-
Protection level (sym.) with In C2			≤800 V	≤800 V	≤800 V
Protection level (asym.) with In C2			≤500 V	≤12 V	≤12 V
Protection level (asym.) with 1 kV/μs C3			≤500 V	≤8 V	≤8 V
Protection level			IP40	IP40	IP40
Plug-in system			RJ 45	RJ 45	RJ 45



RJ45 S-E100/4-C

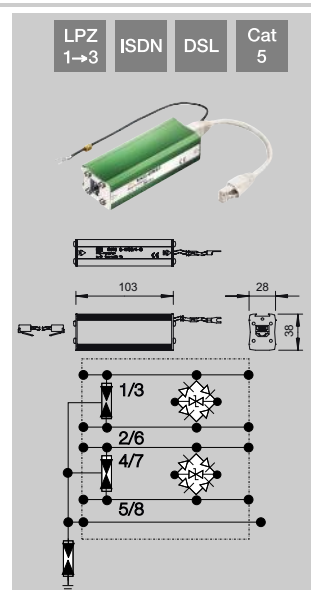
Type	Version	Pack.	Weight	Art. No.	Price
		pcs	kg/% pc		price/pc
RJ45 S-ATM/8-F	Fine protection	1	21.000	5081 79 3	

Universal data line protection device for network technology and telecommunication systems.

- In aluminium housing
- Protection of eight cores
- With two-stage protection circuit
- Simple installation
- With RJ 45-Western connector
- Inc. 150 mm connecting cable with RJ 45 connectors
- Cat 5 network technology, 10BaseT, 100BaseT

Application: for analogue, ISDN, DSL system, Ethernet Twisted Pair.

			RJ45 S-ATM/8-F
U max AC	U_c	V	4.2
U max DC	U_c	V	6
LPZ			1-3
Pulsed current (10/350)	I_{imp}	kA	-
Nominal discharge current (8/20)	I_n	kA	5 / 0.25
Transmission frequency		f	> 155 MHz
Insertion loss	a/dB	a/dB	0.1 at 144 kHz
Series resistance	R	Ohm	-
Protection level (sym.) with In C2			≤800 V
Protection level (asym.) with In C2			≤12 V
Protection level (asym.) with 1 kV/μs C3			≤8 V
Protection level			IP40
Plug-in system			RJ 45/ 8 Adem



RJ 45 S-ATM/8-F



Type	Version	Pack.	Weight	Art. No.	Price
		pcs	kg/% pc		price/pc
RJ45S-V24T/4-F	Fine protection, 4 wires	1	21.000	5081 64 5	
RJ45S-V24T/8-F	Fine protection, 8 wires	1	21.000	5081 64 7	



Universal data line protection device for network technology and telecommunication systems.

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- Simple installation
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- Cat 5 network technology, 10BaseT, 100BaseT

Application: for analogue, ISDN, DSL system, Ethernet Twisted Pair.

			RJ45S-V24T/4-F	RJ45S-V24T/8-F
U max AC	U_c	V	10	10
U max DC	U_c	V	15	15
LPZ			2-3	2-3
Pulsed current (10/350)	I_{imp}	kA	-	-
Nominal discharge current (8/20)	I_n	kA	7.5 / 0.25	7.5 / 0.15
Transmission frequency		f	-	-
Insertion loss	a/dB	a/dB	-	-
Series resistance	R	Ohm	-	-
Protection level (sym.) with In C2			≤800 V	≤800 V
Protection level (asym.) with In C2			≤30 V	≤30 V
Protection level (asym.) with 1 kV/μs C3			≤25 V	≤25 V
Protection level			IP40	IP40
Plug-in system			RJ45	RJ45