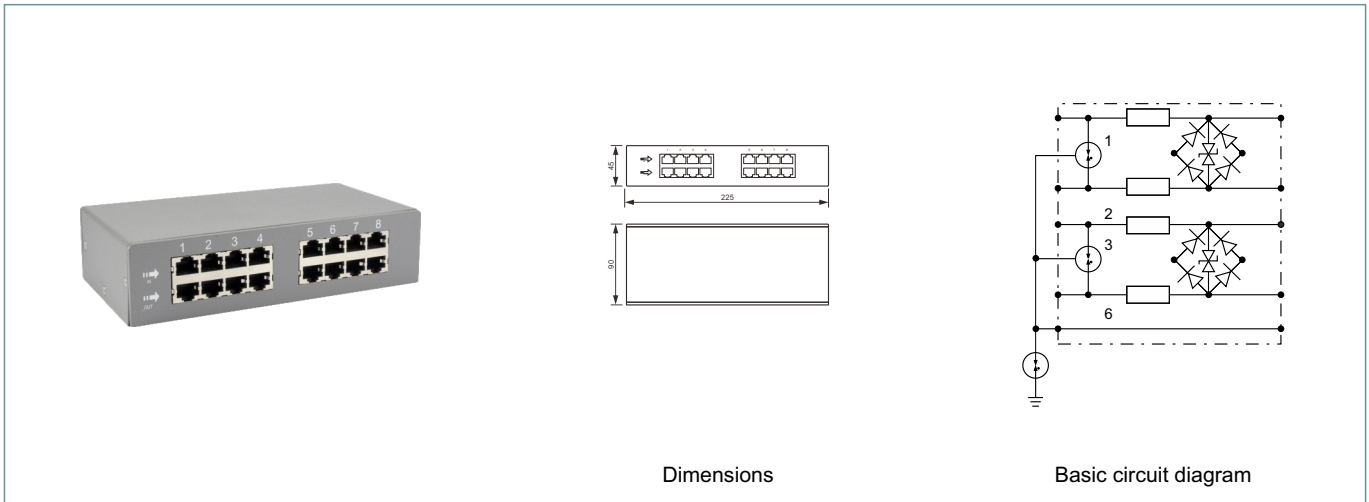


**RJ45-E100-8U**

Data cable protection device for data technology, e.g. Ethernet network systems, Twisted Pair and control circuits. The two-level protection circuit permits transmission frequencies of up to 155 MHz. The protection devices are mounted in an aluminium housing with Sub RJ45 connector and can be mounted simply as an adapter connector.

Data cable protection device for information technology systems

- In aluminium housing
- RJ 45 Connector
- Simple mounting using adapter plug
- Two-stage protective circuit
- Application: Twisted pair, control circuits, communication cables



Type	RJ45-E100-8U	
SPD according to EN 61643-21 / IEC 61643-21	type 2 / class II	
Max. continuous operating a.c. voltage	$U_c$	4.2 V
Max. continuous operating d.c. voltage	$U_c$	5 V
Rated current	$I_L$	100 mA
Lightning impulse current (10/350 $\mu$ s)	$I_{imp}$	1 kA
C2 Nominal discharge current (8/20 $\mu$ s) line-line	$I_n$	150 A
C2 Nominal discharge current (8/20 $\mu$ s) line-PG	$I_n$	2.5 kA
Voltage protection level line-line for $I_n$ C2	$U_p$	< 35 V
Voltage protection level line-PG for $I_n$ C2	$U_p$	< 35 V
Voltage protection level line-line at 1 kV/ $\mu$ s C3	$U_p$	< 13 V
Cut-off frequency line-line at 100 ohms	$f_G$	155 Mhz
Insertion loss at 100 MHz		< 0.4 dB
Capacitance line-line	C	< 35 pF
Capacitance line-PG	C	< 50 pF
Range of operating temperatures	$T_U$	-40/+80°C
Degree of protection		IP 20
Connection (input / output)		Rj45 / RJ45
Pinning		1/2, 3/6
Enclosure material		Aluminum housing
Earthing via		Connecting line