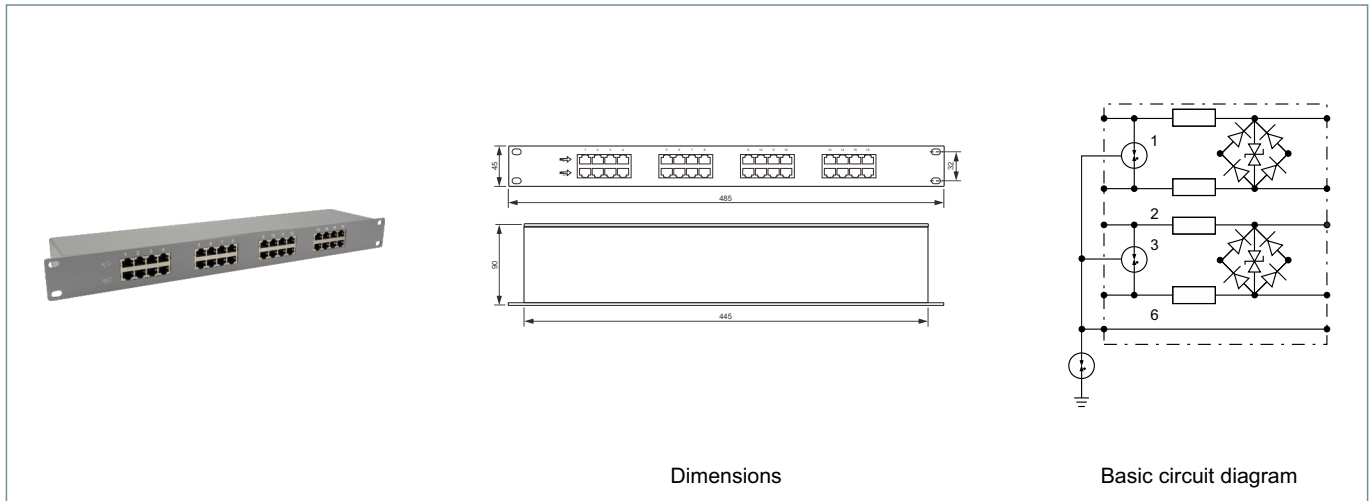


**RJ45-E100-16U**

ADSL/PSTN surge protection; RJ45 connector; 19" inches rackmount

- ADSL/PSTN surge protector
- RJ45 connector
- Ultrafast response time <1ns
- Industrial plastic/Shielded enclosure
- Systematic use of MOV, 3-pole gas tube and fast clamping diode
- 19" inches rack-mount



Type	RJ45-E100-16U	
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