

Signal SPD EP1

SPD for one signal pair in an enclosure for wall mounting.
Available for telephone, 4-20mA, RS485 and RS232 and other signal types.



Technical data	EP1 6	EP1 12	EP1 24	EP1 48	EP1 T
Example of application		RS232/RS485	4-20mA		Telephone
Impedance	10Ω				
Nominal voltage	6V	12V	24V	48V	170V
Max voltage	7,2V	14,4V	28,6V	57,6V	204V
Residual voltage (8/20μs-5kA)	12,5V	18,2V	41V	85V	234V
Reaction time	1ps				
Max discharge current (8/20μs)	20kA				
Indication	Shortcut by fault				
Connection	approx. 1,5 mm ²				
Measurement	94 x 68 x 27 mm				
Components	Gas discharge tube with fail-safe and suppressor diodes				

SPD EP1

Specification	article	E-number
Signal protection 6V	EP1 6	52 709 10
Signal protection 12V	EP1 12	52 709 11
Signal protection 24V	EP1 24	52 709 12
Signal protection 48V	EP1 48	52 709 13
Signal protection ,tele	EP1 T	52 709 14

Signal SPD EB280 and EB480

SPD for 2 or 4 signal pair in an enclosure for wall mounting.
Available for telephone, 4-20mA, RS485 and RS232 and other signal types.
EB280... = 2 signal pairs, EB480... = 4 signal pairs.



Technical data	EB280 6 EB480 6	EB280 12 EB480 12	EB280 24 EB480 24	EB280 T EB480 T
Example of application		RS232/RS485	4-20mA	2/4 Telelinjer
Impedance	10Ω			
Capacitance	900pF	300pF	300pF	70pF
Nominal voltage	6V	15V	24V	170V
Max voltage	7,2V	14,4V	28,6V	204V
Residual voltage (8/20μs-5kA)	12,5V	18,2V	41V	234V
Reaction time	1ps			
Max discharge current (8/20μs)	20kA			
Indication	Shortcut by fault			
Connection	approx. 1,5 mm ²			
Measurement	94 x 68 x 27 mm			
Components	Gas discharge tube with fail-safe and suppressor diodes			

SPD EB280 and EB480

Specification	2 pairs	E-number	4 pairs	E-number
Signal protection 6V	EB280 6	52 709 15	EB480 6	52 709 19
Signal protection 12V	EB280 12	52 709 16	EB480 12	52 709 20
Signal protection 24V	EB280 24	52 709 17	EB480 24	52 709 21
Signal protection ,tele	EB280 T	52 709 18	EB480 T	52 709 22