

# DL-10G-PoE-IP66

## SPD - for data, signalling and telecommunications lines / ICT / Ethernet and PoE - compact

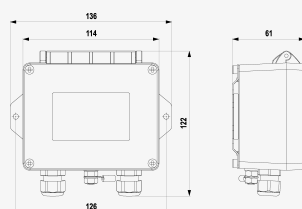
Two-stage surge protection for outdoor Ethernet devices with PoE

surge protection for outdoor Ethernet devices with PoE

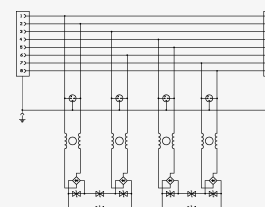
- two-stage Ethernet surge protection in combination with special PoE protection
- installation anywhere in the LPZ 0 zone
- complies with all types of PoE/PoE+/PoE++ (according to IEEE 802.3 af/at/bt)
- to protect Ethernet terminals with PoE (cameras, sensors, information panels, etc.)
- for sale from 1.7.2022



Product dimensions



Basic circuit diagram



Parameter name	Parameter value
Type of SPD	<b>D1,C2,C3</b>
Location of SPD	<b>ST 1+2+3</b>
Maximum operating voltage core-core	<b><math>U_c</math> 8,50 V DC</b>
Maximum operating voltage pair-pair (POE)	<b><math>U_c</math> 58,00 V DC</b>
Nominal load current per core at 25 °C	<b><math>I_L</math> 0.5 A</b>
Treshold frequency core-core	<b><math>f</math> 500.00 MHz</b>
Insertion attenuation at treshold frequency	<b>3.20 dB</b>
C2 nominal discharge current (8/20 $\mu$ s) core-core	<b><math>I_n</math> 0.15 kA</b>
D1 total discharge current (10/350 $\mu$ s) cores-PE	<b><math>I_{Total}</math> 2.00 kA</b>
C2 total discharge current (8/20 $\mu$ s) cores-PE	<b><math>I_{Total}</math> 10.00 kA</b>
C2 voltage protection level mode core-core (@ $U_{oc}/I_n$ )	<b><math>U_p</math> 60,00 V (0,3 kV / 0,15 kA)</b>
C2 voltage protection level mode core-PE (@ $U_{oc}/I_n$ )	<b><math>U_p</math> 700,00 V (2,5 kV / 1,25 kA)</b>
C2 voltage protection level mode pair-pair (POE) (@ $U_{oc}/I_n$ )	<b><math>U_p</math> 90,00 V (0,3 kV / 0,15 kA)</b>

C3 voltage protection level mode core-core (@In - 1 kV/μs)	$U_p$	45,00 V (10 A)
C3 voltage protection level mode core-PE (@In - 1 kV/μs)	$U_p$	500,00 V (10 A)
C3 voltage protection level mode pair-pair (POE) (@In - 1 kV/μs)	$U_p$	85,00 V (10 A)
Response time core-core	$t_a$	1 ns
Response time core-PE	$t_a$	100 ns
Connection (input - output)		RJ 45/RJ 45
Degree of protection		IP 66
Range of ambient temperatures (min/max)		-25 / 50 °C
Humidity		5 - 95 %
According to standard		EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012
ETIM Class		EC000943
Customs tariff number		85363010
EAN		8595090570981
Order number		A07098