

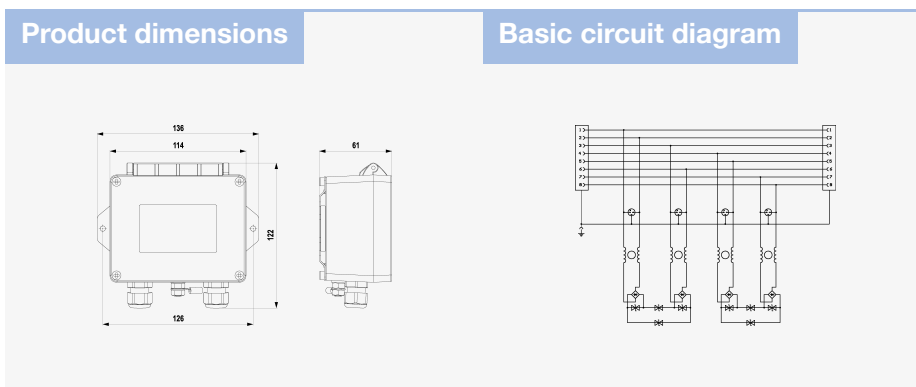
# DL-10G-PoE-IP66

## 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



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

C3 voltage protection level mode core-core (@In - 1 kV/ $\mu$ s)	$U_p$	45,00 V (10 A)
C3 voltage protection level mode core-PE (@In - 1 kV/ $\mu$ s)	$U_p$	500,00 V (10 A)
C3 voltage protection level mode pair-pair (POE) (@In - 1 kV/ $\mu$ s)	$U_p$	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)		-40 / 70 °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