

KLK03639 – Outdoor PoE Surge Protector.

The KLK03639 is designed to protect POE ++ and Ethernet Category 6A networks. The product is equipped with RJ45 shielded connectors for fast wiring. Based on hybrid diagram made with gas tubes and low capacitance clamping diodes, this surge protector is ideally suited for PoE-connected devices. The product is designed for wall mounting and outdoor application, notably through his protection rating (IP66) and its UV rated thermoplastic (UL94-V0). Note, the product can also be installed indoor.





Specifications

Network POE ++ and 10Gigabit Ethernet	Network POE ++ and 10Gigabit Ethernet
Nominal line voltage	Un 48Vdc
Max. DC operating voltage	Uc 60 Vdc
Max frequency	fmax 500 MHz
Max. data rate	10 Gbps (6A)
Insertion loss	< 1 dB
Max. load current	iL 2000mA
Protection level Following the test category C3 (IEC61643- 21) - Line/Line Impulse current 2 x 10/350µs Test - D1 Category	Up 70V Iimp 500A
Line/Line Nominal discharge current C2 Category	In L/L 500A
Line/Ground Nominal discharge current 8 /20µs Test x 10 - C2 Category	In L/PE
Technology	GDT+Clamping diode
SPD configuration	8 wires+shielded
Connection to Network	RJ45 shielded connectors Female input/output
Format	Plastic Box with connectors input/output - Reinforced seal
Mounting	Wall - Outdoor and Indoor
Accessory(s) provided	screw + nut + cable shoe
Housing material	Thermoplastic UL94 V-0
Operating temperature	Tu -40/+85°C
Protection rating	IP66
Outdoor application	Yes
Failsafe mode	Short-circuit
Pinout	(1-2)(3-6)(4-5)(7-8)
Dimensions	See diagram
Weight	0.291 kg
Standards compliance	IEC 61643-21/ EN 61643-21 / UL497B IEEE 802-3af/3at/3bt/ ANSI/TIA-568-C.1

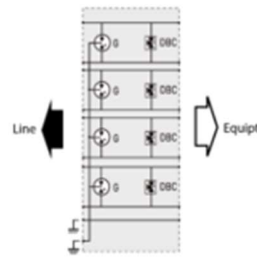
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- Responsibility for the information and views set out in this document lies entirely with the manufacturer. Kerlink can't be held responsible for the exactness of information contained therein.
- Accessories are not covered by the maintenance nor warranty extension offers.
- The standard, legal manufacturer's warranty is 1 year.

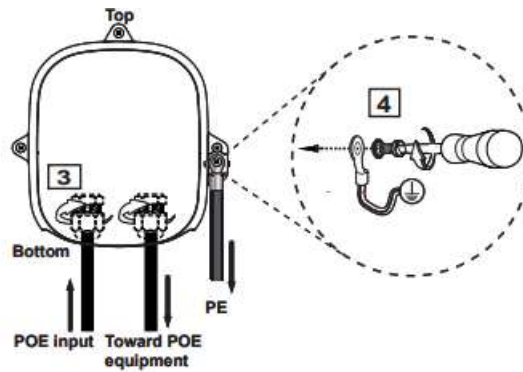
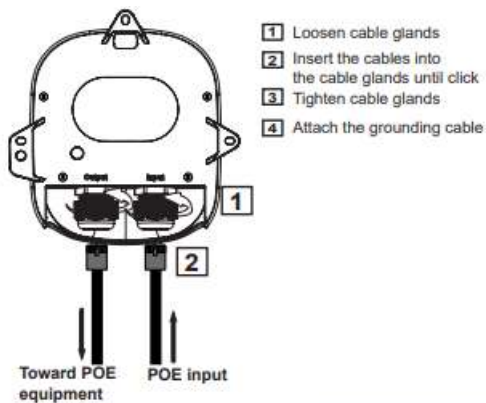
Kerlink's Products compatibility

	<p>Wirnet iStation</p>	<p>✓</p>
	<p>Wirnet iBTS & IBTS Compact</p>	<p>✓</p>

Mechanical characteristics



G: 3-electrode GDT
DBC: 3-pole Low capacitance diode



Clamping range for cable gland
Ø Minimum 6 mm / 0.24 inch
Ø Maximum 12 mm / 0.47 inch