TDE-lighttech
illuminating creativity

Project: **TDE**
Code: **IZI-PowerCom+**
IZI-Link+ PLC-interface
Date: October 16, 2025

IZI-PowerCom+
IZI-Link+ PLC-interface
High Power IZI-Link+
PowerLine Communication interface

IZI-PowerCom+

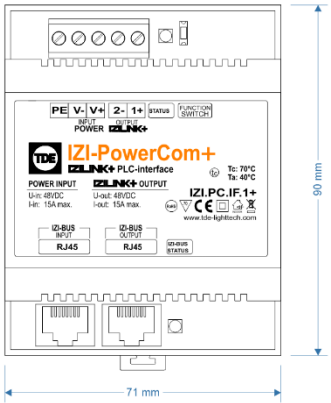
High Power IZI-link+ PowerLine Communication interface

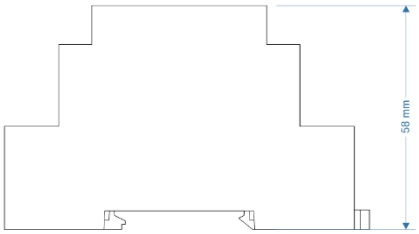
Technical specifications:

Power input:	Operating voltage:	48VDC
	Input power:	720W max.
	Input current:	15A max.
Power output:	Output voltage:	48VDC IZI-Link+
	Output power:	720W max.
	Output current:	15A max.
Control I/O:	Data in/output:	IZI-Bus CAN-interface
Connections:	Power input:	1.5 – 2.5mm² / 16 - 14AWG [V+] 48VDC, [V-] 0V, [PE] Earth
	IZI-Link+ / Power output	1.5 – 2.5mm² / 16 - 14AWG [V+] 48VDC, [V-] 0V
	Data in/ouput:	RJ45 (IZI-Bus)
Miscellaneous:	LED-indications:	IZI-Link+ status RGB-LED IZI-Bus status RGB-LED
	Housing:	DIN-Rail 4-module
	Material:	Desktop ABS plastic
	Housing colour:	Dark grey (RAL7016) housing
	IP Class:	IP20
	Weight:	95 gram / 3.35 oz
Dimensions:	Housing:	90 x 71 x 58mm / 3.54” x 2.8” x 2.3”
Certifications:	CE / RoHs	
Order code:	TDEL-4010810-A	IZI-PowerCom+, IZI-Link+ PLC-interface

Dimensions:

Length / Width / Height: 90 x 71 x 58mm / 3.5” x 2.8” x 2.3”





The **IZI-PowerCom+** is an **IZI-Link+ PowerLine communication interface** module that **sends and receives lighting control data and statuses** over a **low-voltage 2-wire power line**, allowing you to control, monitor and configure IZI-Link+ compatible products.

This unique technique eliminates additional control wiring which make the installation more reliable and easy to install. The IZI-Link+ system can easily be scaled into a larger network by adding IZI-PowerCom+ modules.

Features:

- 720W IZI-Link+ Powerline interface
- High speed 225kbps 2-way communications
- Per IZI-PowerCom+ interface:
  - Up to 256 light control channels
  - Up to 32 IZI-Link+ modules
  - Up to 720Watt of output power
- High constant refresh rate of 40 frames/sec transmit and simultaneously 30 frames/sec receive
- Up to 12 communications channels
- Supports for 2 universes (2 x 512ch)
- Possible to perform background configurations and monitoring during live operation (no black-out)

Warranty: *5 years*

Certifications:

CE RoHS compliant