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illuminating creativity

IZI-Link USB Programmer Interface

The **IZI-Link USB Programmer Interface** is a multifunctional DIN-rail module with which an IZI-Link system can be commissioned.

The interface is equipped with a USB connection so that it can easily be connected to a Windows PC.

With the special commissioning tool **IZI-Manager**, an IZI-Link system can be configured easily and remotely.

The IZI-Link USB interface offers configurable functionality such as programmable DMX-512 Fail and various Dry-input contact modes.

Features

Remote configuration
With IZI-Manager Software

Stand alone
Dry-contact input

DMX Fail
Different options available
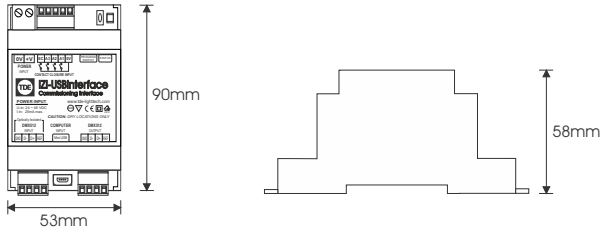
Technical specifications

Power		
Input voltage:	48VDC	
Current input max:	150mA	
Power consumption:	3.6 Watt max.	

Control		
Control input:	1 x DMX-512 galvanically isolated	
Control output:	1 x DMX-512	
Windows PC connection:	USB Connector	
Dry contact inputs:	4 galvanically isolated	

Miscellaneous		
Housing:	Desktop ABS plastic DIN-rail (3 module width)	
Input connector:	Print connector	
Power input connector:	2-pole screw terminal, 2,5mm² max.	
DMX in- & output connector:	4-pole terminal block, 1.5mm² max.	
Dry contact inputs connector:	5-pole terminal block, 1.5mm² max.	
Certifications:	cMETus E114112	

Dimensions

90mm

58mm

53mm

Order Code

IZI.USB.PI   - IZI-Link USB Programmer Interface

Connections

Scene
3
2
1
0V

Contact closures

24VDC ~ 48VDC+
GROUND

| 0V | +V | | SC | A3 | A2 | A1 | 0V | | PROGRAM SWITCH | STATUS |

POWER INPUT

CONTACT CLOSURE INPUT

IZI-USBinterface
Commissioning interface

POWER INPUT
U-in: 24 ~ 48 VDC
I-in: 25mA max.

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CAUTION: DRY LOCATIONS ONLY

Optically Isolated

DMX512 INPUT	COMPUTER INPUT	DMX512 OUTPUT
GND D- D+ REF	Mini USB	GND D- D+ REF

0V   1
D-   2
D+   3

DMX Input

0V   1
D-   2
D+   3

DMX Output

Computer input
(Mini USB)
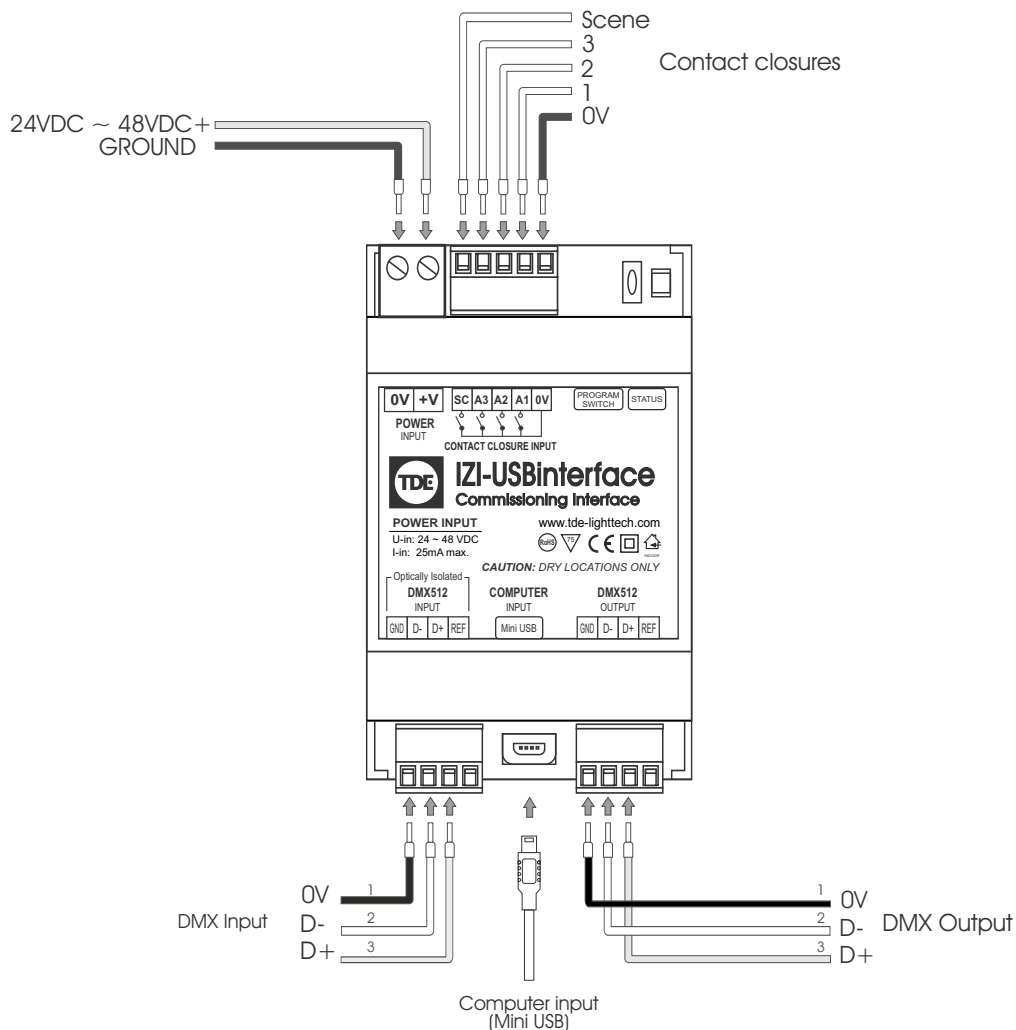
Contact Closures

The Contact Closures for the IZI-Link USB interface can be configured with the IZI-manager Software tool and a Mini USB cable.

Three contact closures can be programmed on set value's .
E.g.:
Contact 1 = 100%
Contact 2 = 66%
Contact 3 = 0%

Scene setting

The contact input for scene settings recalled a pre programmed setting. By default this setting is 0%

To program a scene setting, create a scene with a DMX controller on the input.
Hold the program switch for 2 seconds, untill the LED indication turns green. This creates a snapshot of the DMX-512 input and store this as a scene.
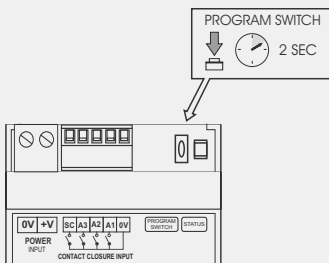
LED indication

Identify mode
The Identify mode can be activated within the IZI-manager, identifies the selected module.

Test Mode
When the program switched is pressed once, all channels will output 100% (255)

Status	LED	Behaviour
Power ok, Data reception	Green	Blink
Power ok, No data	Red	On
Over temperature	Red	Blink
Low voltage	Red	Blink
Firmware update (IZI-manager)	Red	Blink
Identify / Test	Red / Green	Toggle

Factory default

Press the program switch for 4 seconds untill the indication LED turns Red. Now the USB interface has been set to factory default.