ProPlex®

DATA DISTRIBUTION

DMX RELAY

DIN RAIL/WALL MOUNT

QUICK START GUIDE

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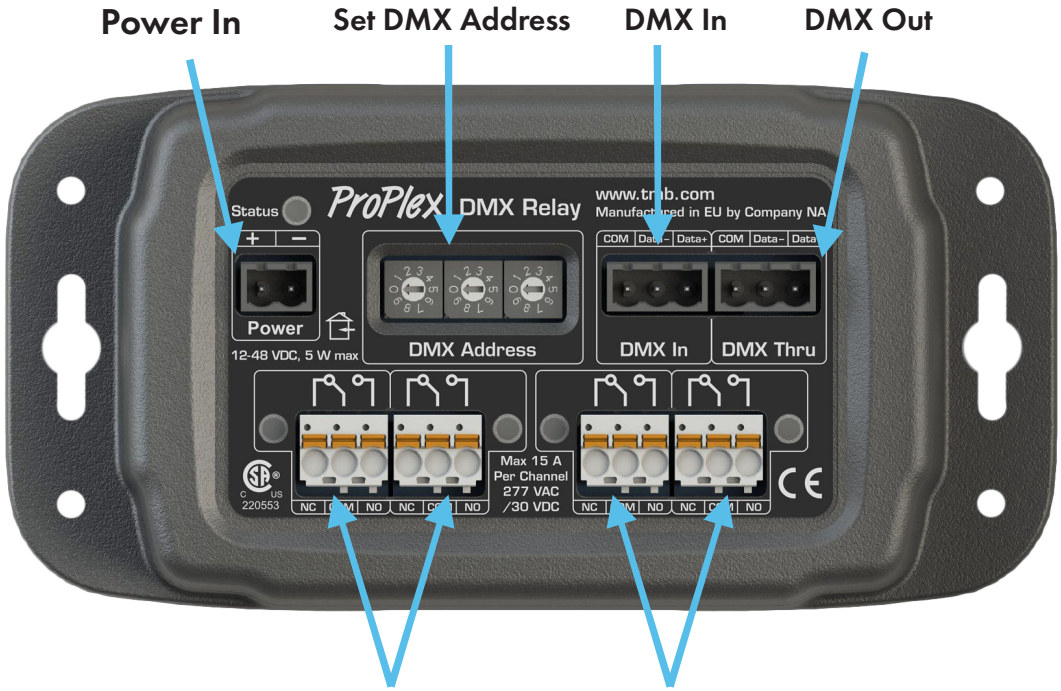
Description

The ProPlex DMX Relay is a DIN rail or wall mounted device with 4 relays. Controllable via DMX and equipped with four heavy duty relays - 15 A per Channel. The relays are controlled via 4 DMX channels.

- 4 x SPDT(single pole double throw) dry-contact relays
- 15 A max. switching current; 277 VAC / 300 VDC max voltage
- Wago 2092-1173 connectors for relay contacts
- Phoenix PTB connectors for DC power and DMX
- DMX address set with rotary encoders
- DC power 12 V to 48 V; < 5 W



Power Pinout
1 DC +
2 DC –

Status LED

Power, no DMX

Power, with DMX

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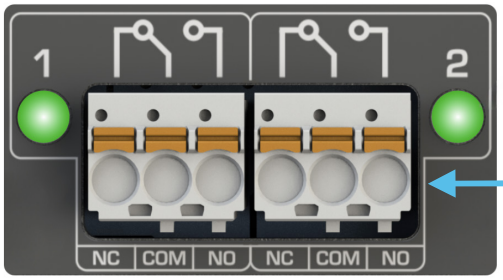
Set DMX Address
using rotary encoders
Example: DMX Address set to 138

DMX IN / DMX Thru Pinout
1 COM
2 Data –
3 Data +

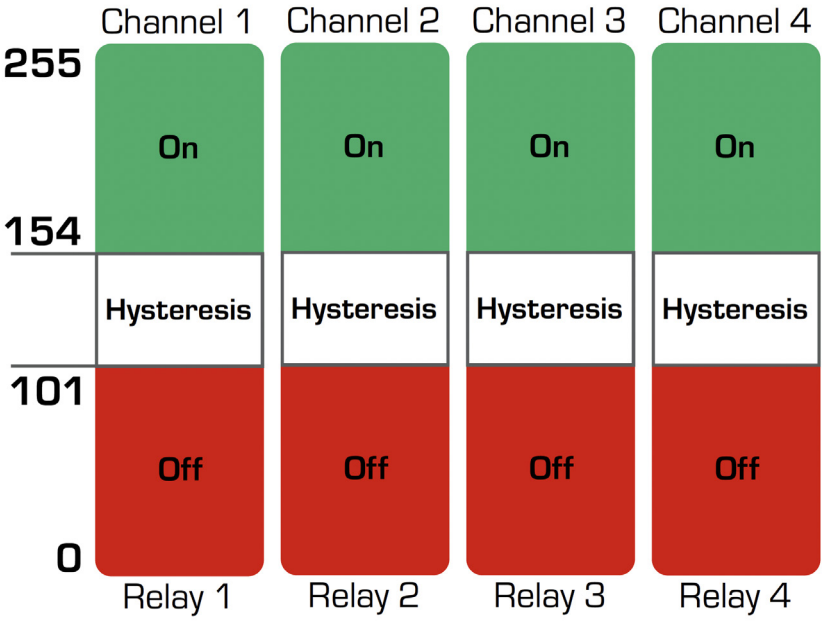


Relay Pinout
1 NC (Normally Closed)
2 COM
3 NO (Normally Open)

DMX Control
Control channels have hysteresis:

Relay will turn on at 60% or above (DMX value >= 154)

Relay will turn off at 40% or below (DMX value <= 101)



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Technical Specifications	
Part Numbers	PPDMXRELAYDIN
Power Consumption	5 W max.
Operating Voltage	12 - 48 VDC
Power Input	Pluggable Terminal Block 2
DMX Input	Pluggable Terminal Block 3
DMX Thru	Pluggable Terminal Block 3
Control	DMX512-A (ANSI E1.11)
Relay Contacts	Push-in spring connector
Solid conductor	0.2 … 2.5 mm² / 24 … 12 AWG
Fine-stranded conductor	0.2 … 2.5 mm² / 24 … 12 AWG 0.2 … 2.5 mm² / 24 … 12 AWG 15 A / 277 VAC Resistive 15 A / 30 VAC Resistive 3.5 A / 277 VAC Inductive 3.5 A / 30 VAC Inductive
Relays	4
Operating temperature	- 4° F to 122° F [- 20°C to + 50°C]
Dimensions (WxHxD) (Without Backplate)	7.1x3.6x1.8 in [179,6x90,4x45,5 mm]
Weight (Without Backplate)	10 oz [285 g]

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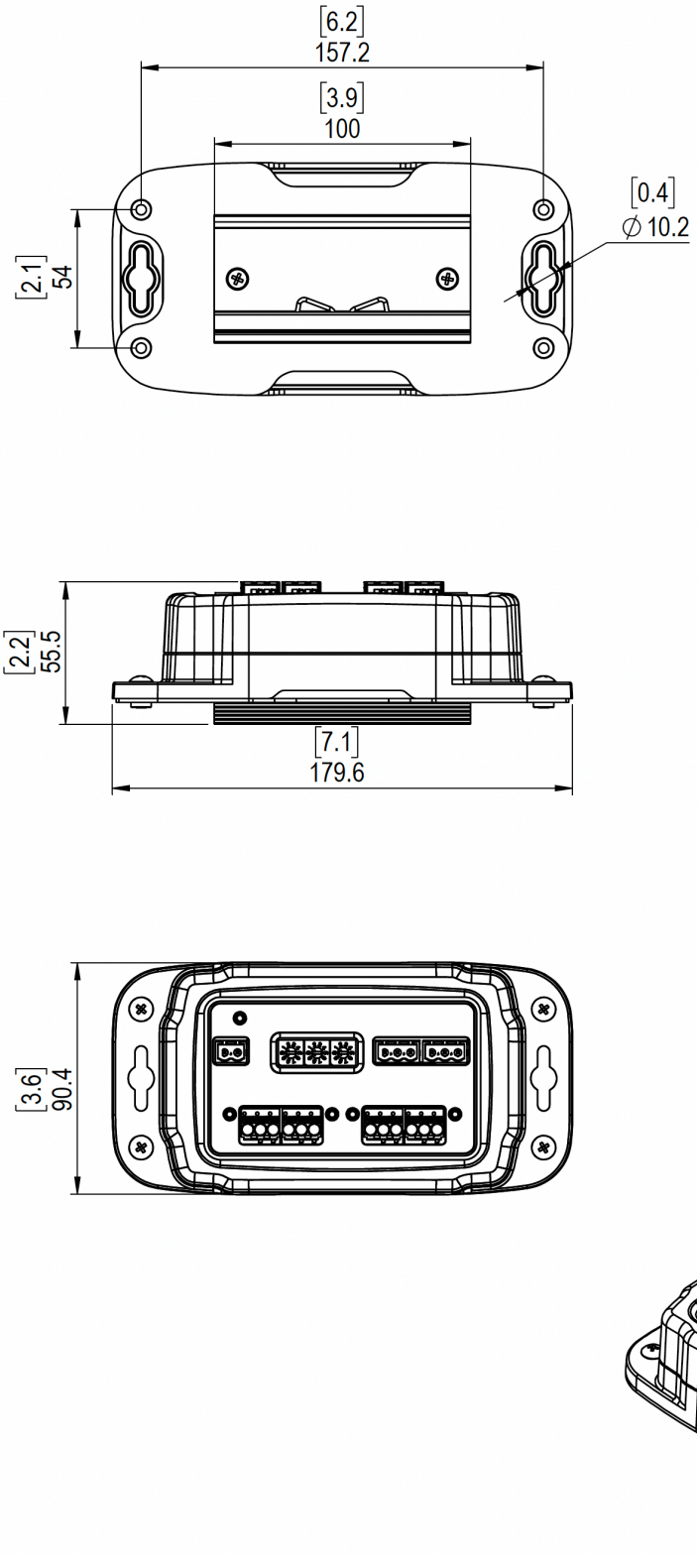
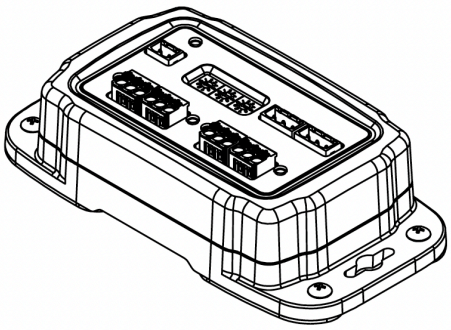
Dimensions

With backplapte





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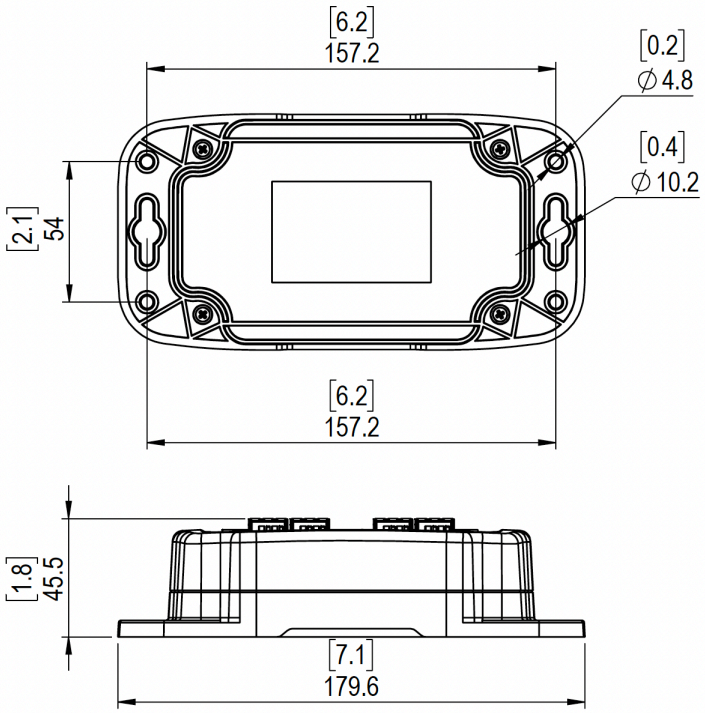
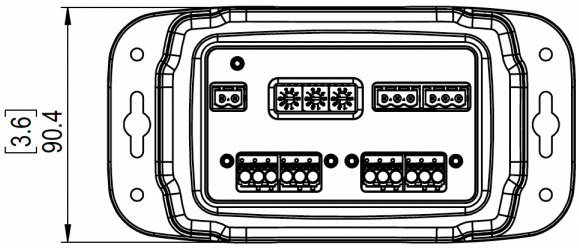
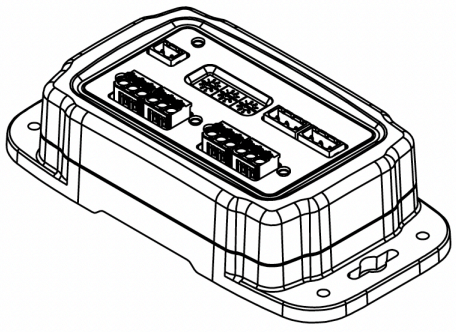
Dimensions

Without backplapte







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