ProPlex®

DRAFT

DMX RELAY
DIN RAIL/WALL MOUNT

Four Independent DMX Controlled Dry-Contact Relays in a DIN-Rail and Wall Mountable Enclosure!

(Placeholder photo)

A versatile solution for systems requiring robust device activation and de-activation.

Applications:

- Stage/Show/Theatre Control: Manage non-DMX elements; practicals, SFX, motors, curtains etc.
- Architectural Lighting Systems: Ideal for controlling non-DMX capable lighting or auxiliary systems:
  Trigger blinds, fans and other building systems through your DMX Lighting Controller
- Industrial Automation: Trigger switch-machinery or equipment of all kinds via DMX

Advantages:

- High Current and Voltage Tolerance: Versatile for large-scale or high-demand applications
- Reliable Wiring Options: High Voltage Wago and Low Voltage PTB connections ensure secure, flexible installation

ProPower® NEMA Boxes

Unique, complete, Listed, ready-to-install, indoor or outdoor NEMA enclosure systems. All systems ship pre-assembled and fully Listed with ProPlex DIN Devices and/or Drives installed, complete with all necessary PSU(s), breakers and internal wiring.
www.tmb.com/propower-din-rail-nema-systems

Worldwide Exclusive Distribution

Los Angeles +1 818.899.8818 | London +44 (0)20.8574.9700 | New York +1 201.896.8600 | tmb www.tmb.com | Toronto +1 519.538.0888 | Beijing +86 10.8492.1587 | Riga +37 16.868.8955

sales@tmb.com

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Specifications are subject to change without notice. This information supersedes all previously supplied information.

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DIN RAIL/WALL MOUNT

Key Features:

1. Relay Type:

- 4 x SPDT (Single Pole Double Throw) Relays

Two operating options - default open or default closed

2. Switching Capacity:

- 15A Maximum Switching Current
- Up to 277VAC / 300VDC

3. Connectors:

- Wago 2092-1173 Mains Voltage Connectors
  Reliable, tool-free connectors for the relay connections
- PTB Low Voltage Connectors
  Industry-standard Pluggable Terminal Block connectors for the DC power and DMX connections

4. Installation:

- Wall mount, or DIN Rail mount with supplied DIN adapter plate.

(Placeholder photo)

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Technical Specifications	
Part Number	PPDMXRELAYDIN
Control Channels	4
Operating Voltage	12V to 48V DC (Requires external power supply)
Power Consumption	5 W Max.
Isolation Voltage	TBD
Output Current	15A per output
Output Setting Time	5 msec
Input impedance (Theatre mode)	1 MΩ
Input sink mode current	1 mA
Relay Connections	4x Wago 2092-1173
Output short circuit current	60 mA
Output short restoring time	6 sec
Switching Capacity	15A - 277VAC / 300VDC
DMX unit	40mV / DMX step
Power Input	Pluggable Terminal Block (PTB) 2-terminal[1]
Data Input	Pluggable Terminal Block (PTB) 3-terminal[1]
Data Thru	Pluggable Terminal Block (PTB) 3-terminal[1]
Operating Temp.	-22F° to +122F° [-30C° to +50°]
Product Dimensions (HxWxD)	2.63 in [67mm] x 7.07 in [179.6mm] x 3.55 in [90.4mm]
Product Weight	1 lb 0.4 oz [465 g]
Shipping Dimensions (HxWxD)	4 in [101.6mm] x 8.5 in [215.9mm] 5.5 in x [139.7mm]
Shipping Weight	1 lb 4.8 oz [589 g]

[1] Included

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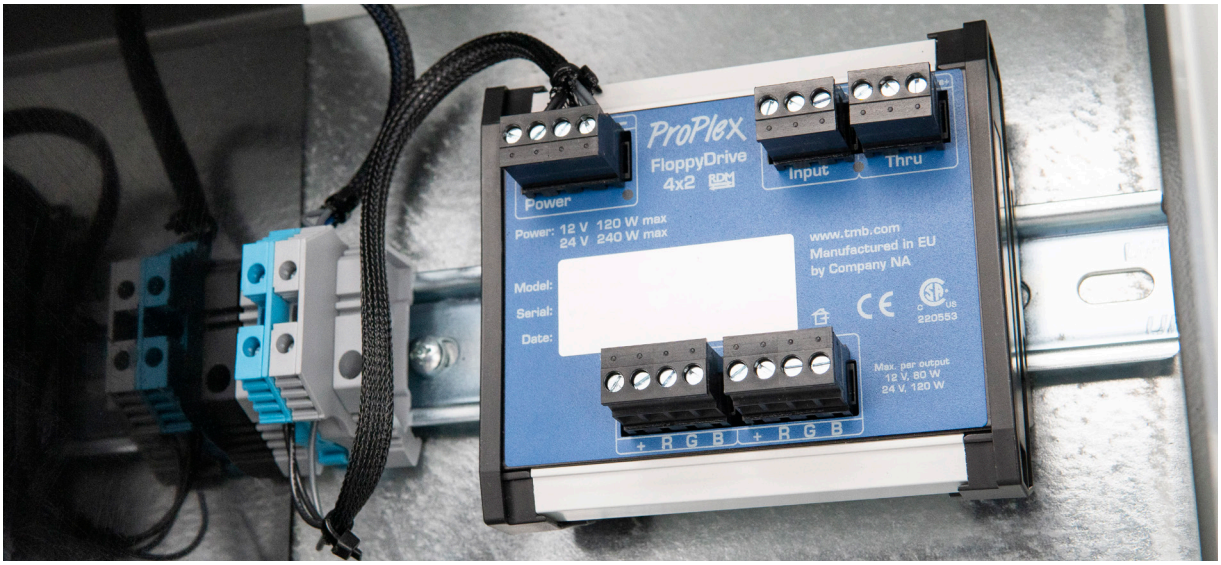

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