ProPlex®

0-10V DMX CONVERTER
DIN RAIL MOUNT

The Leader in Touring Technology, Now Coming to a Building Near You!

- Bidirectional! Converts 0-10V to DMX or DMX to 0-10V
- Four operational modes: “Theatre” Out, “Ballast” Out, “Theatre In”, “Ballast In”
- 4x 0-10V inputs or outputs
- Assign DMX channels, link with analog ports, select analog modes, via RDM
- Compatible with ANSI E1.3 (Theatre mode / 0-10V) and IEC Standard
- 60929 Annex E (Ballast mode / sink mode / 1-10V)
- Pluggable Terminal Block (PTB) screw terminals for bare-wire, installation flexibility
- Complete range of DIN Rail Devices and Drives to make a complete system!

Operational modes:

- Output Theatre (source 0-10V)
- Output Ballast (sink)
- Input Theatre (hi-Z input)
- Input Ballast (source current 1 mA/10V)

Input/output LEDs indicate signal level or fault conditions:

- Green – DMX signal level to 0-10V
- Blue – 0-10V signal level to DMX
- Red – output overload
- Magenta – warning for output sink load not connected (ballast mode)

ProPower® NEMA Boxes

Unique, complete, fully Listed, ready-to-install, indoor or outdoor NEMA enclosure systems. All systems ship pre-assembled with ProPlex DIN Devices and/or Drives, 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

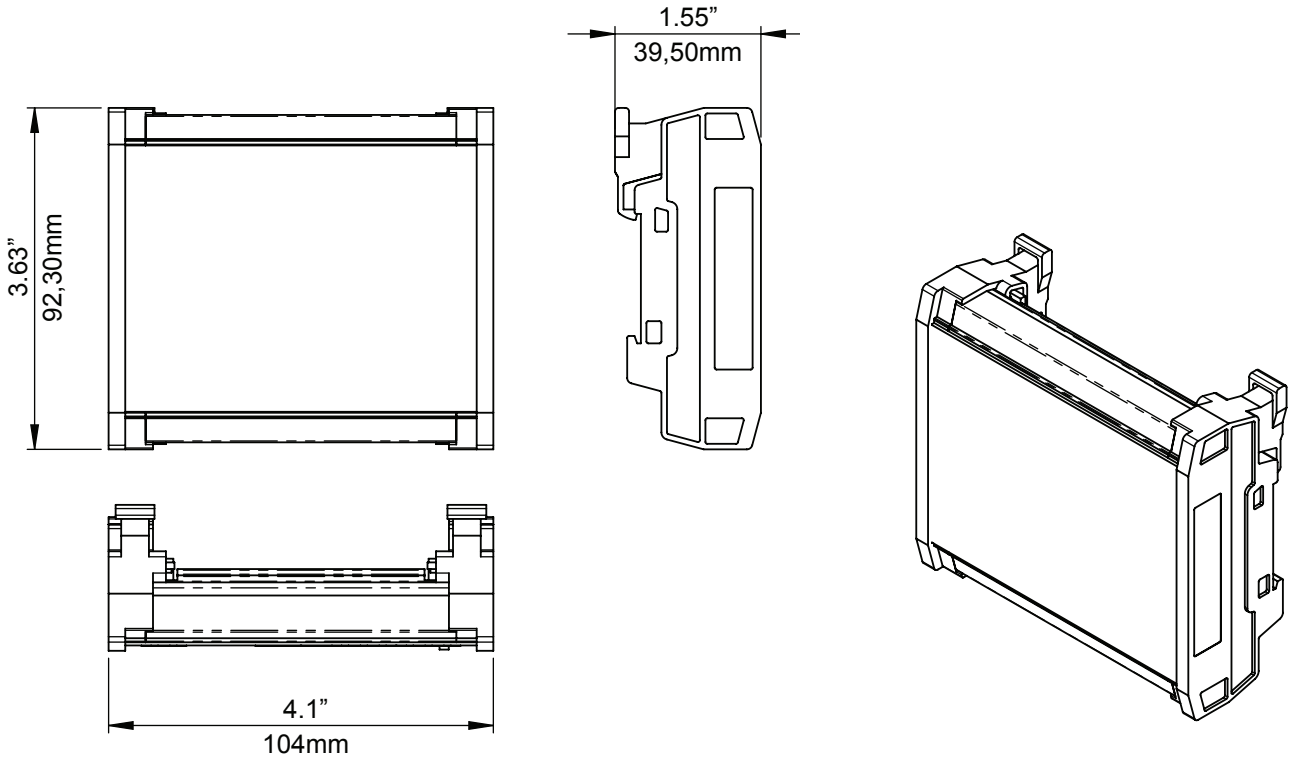
© 2025, TMB. All rights reserved. LITPPX0-10VDIN Effective: 10 February 2025
Specifications are subject to change without notice. This information supersedes all previously supplied information.

ProPlex®

0-10V DMX CONVERTER
DIN RAIL MOUNT

Specifications	
Part Number	PP010VCDIN
Control Channels	4
RDM support	Yes
Operating Voltage	12 or 24 VDC (requires external power supply)
Power Consumption	3 W Max.
Isolation Voltage	3000 V
Output Current	10 mA per output
Output Setting Time	5 msec
Input impedance (Theatre mode)	1 MΩ
Input sink mode current	1 mA
Output short circuit current	60 mA
Output short restoring time	6 sec
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]
Control Input/Outputs	4x Pluggable Terminal Block (PTB) 2-terminal[1]
Operating Temp.	-22 to 104 °F [-30 to +40 °C]
Dimensions (HxWxD)	1.55 x 4.1 x 3.63 in [39.5 x 104 x 92.3 mm]
Weight	5.6 oz [159 g]

[1] Included



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

© 2025, TMB. All rights reserved. LITPPX0-10VDIN Effective: 10 February 2025
Specifications are subject to change without notice. This information supersedes all previously supplied information.

sales@tmb.com