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MT-PSM-UPS-5VDC-2A

Replacement 5VDC Power Supply Module for SCADAPack x70 Control & I/O Expansion Systems – 11-30VDC Input, 2A Output

Product ID: 332605

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MT-PSM-UPS-5VDC-2A

Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

MT-PSM-UPS-5VDC-2A Power Supply Module

Unit Type: 5VDC Power Supply Module for SCADAPack x70 Controllers & I/O Expansion Systems
Dimensions: 2.9" W × 5.0" H × 1.9" D (DIN Rail Mount)
Weight: Approx. 1.2 lbs (0.55 kg)
Input Voltage: 11–30VDC (Class 2 or SELV LPS)
Input Power: 13 Watts (at 24VDC input, 2A output)
Output Voltage: 5.1VDC ±0.05V
Output Current: 2 Amps Maximum
Output Type: Isolated DC Output
Input Isolation: 250VAC / 350VDC max to RTU logic & chassis
Fuse Requirement: External 1.6A Fast-Acting Fuse Recommended
Operating Temperature: -40°C to +70°C
Terminations: 12–28 AWG (2.5–0.2 mm²), Removable 4-Pin Screw Terminal
Diagnostic Indicators: Power Status LED (Green/Red), Overcurrent LED (Green/Red)
Bus Compatibility: 20-Pin and 16-Pin I/O Bus Connectors
Scalability: Multiple power supply modules may be cascaded to increase system power capacity

Ratings/Approvals

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

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The MT-PSM-UPS-5VDC-2A 5VDC Power Supply Module is designed to provide reliable and isolated operating power for SCADAPack x70 controllers and I/O expansion modules. This unit accepts 11–30VDC input power and delivers a regulated 5.1VDC output at up to 2 amps. The module features transformer-isolated switch-mode technology for high efficiency and dependable performance in industrial automation environments.

The MT-PSM-UPS-5VDC-2A supports both 20-pin and 16-pin I/O bus connections and allows cascading for expanded system power capacity. Designed for DIN rail mounting, the unit is ideal for use in industrial control panels, SCADA systems, and remote telemetry applications.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/332605.JPG)
- **Video1**(https://www.youtube.com/watch?v=jHCXpMUH4E8)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)