

Power Rider- PDU

The Power to Manage and Protect, Multi Circuit breaker, relay and contactor

RD000137

MC 16 channel - PDU, Mil Std

Main Features:

- Up to 25A for each channel circuit breaker
- 8- 48V DC
- Circuit breaker (fuse), relay, and contactor in each channel
- Three levels of protection:
 - Software – I²t, over-current, over-voltage, over-temperature
 - Hardware – 1μ second over-current cutoff
 - Thermal fuse
- Solid-state based technology
- Cascade option
- Circuit breaker support network
- Configurable – over 20 flexible configuration parameters for each channel individually
- Intuitive GUI, DLL library
- Building block for ‘Power Distribution Unit’
- Measurement of input voltage, output voltage, load current and temperature
- Communication: CAN bus (50kbps-1Mbps - J1939), Ethernet (UDP) or RS 422/485.
- Advanced reporting and easy maintenance – event logs, graphs, conditional alerts
- Discrete I/O: 12 digital input, 2 digital output (open collector)
- Option to connect up to two channels in parallel (up to 50 Ampere)
- Sleep mode / Shut Down mode
- BIT (Power-on and On-the-fly built-in test)



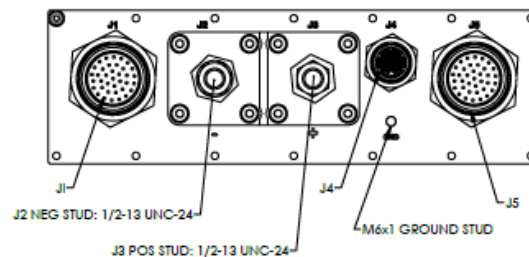
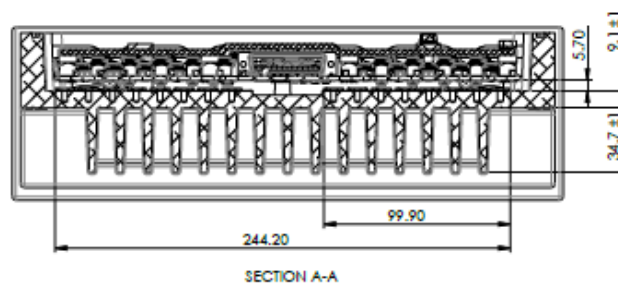
Added values:

- Patent short circuit protection – never goes short.
- Configurable 40 parameters and recovery plan
- Channel base configuration option
- Supports Scenarios' based logic configuration and Iner-redundancy programing
- Non- developer: Easy to use, intuitive GUI/DLL
- Easy power Grid design and supports Protected Node mode

User intefrace table

Name	Description	User Interface P/N	Opposite connector P/N
J1	Power Output (Load)	D38999/24FJ37SN	D38999/26WJ37PN
J2	Power Input - (-Vin)	NEG STUD: 61424-1	
J3	Power Input + (+Vin)	POS STUD: 42863-2	
J4	Unit Control Connector	D38999/24FC35SN	D38999/26WC35PN
J5	Power Output (Load)	D38999/24FJ37H	D38999/26WJ37SN
CHASSIS	CHASSIS	M6x1 CHASSIS STUD	

Mechanical dimensions:



Unit weight: 4900 g



REDLER Technologies LTD. International Headquarters

Address: 5 Hgavish st. ,Kfar Saba 4442211, Israel
Mailing address: P.O.Box 916 Pardesia 4281500, Israel
Tel: +972-9-7672980 | **Fax:** +972-9-8652381

Toll Free Number: 1-8337-REDLER
Contact us: contact@redler.co.il
Website: www.redler.co.il