Model Number	24 VDC DIN RAIL MOUNT POWER SUPPLY	Revision: B
682A01		ECN #: 45402

Performance	**ENGLISH**	**SI**
MTBF	>500000h	>500000h
Efficiency	>85%	>85%
Control Interface		
Display	LED	LED
Environmental		
Temperature Range(Operating)	-13 to +158 °F	-25 to +70 °C
Temperature Range(Storage)	-40 to +185 °F	-40 to +85 °C
Humidity Range(Non-Condensing)	<95 %	<95 %
Electrical		
Power Required	85-264 VAC / 90-350 VDC	85-264 VAC / 90-350 VDC
Output Voltage	24 VDC	24 VDC
Output Current	1.3 Amps	1.3 Amps
Input Frequency	45 to 65 Hz	45 to 65 Hz
Inrush Current(@ 25 deg C)	<15A	<15A
Current Consumption(230/120 VAC)	0.3/0.5A	0.3/0.5A
Fuse	1.25A/250V	1.25A/250V
Mains Buffering	>20/110ms (120/230 VAC)	>20/110ms (120/230 VAC)
Surge Voltage Protection	Varistor	Varistor
10-90% Load Tolerance	+/- 3%	+/- 3%
Turn On Delay	<0.5/1s (230/120 VAC)	<0.5/1s (230/120 VAC)
Turn Off Delay	<150ms	<150ms
Internal Surge Voltage Protection	35 VDC +/- 5%	35 VDC +/- 5%
Parallel Switching	Redundant Systems Only	Redundant Systems Only
Ripple Voltage	<20mV pp	<20mV pp
Maximum Power Loss	0.9/4.5W (No Load/Load)	0.9/4.5W (No Load/Load)
DC OK (Active)	24V / 20mA	24V / 20mA
Insulation Voltage	3kV	3kV
Physical		
Size (Height x Width x Depth)	3.90 in x 0.89 in x 4.24 in	99 mm x 22.5 mm x 107 mm
Weight	7.1 oz	0.2 kg
Conductor Cross Section	AWG 14-24	0.2-2.5mm^2
Vibration(10Hz-150Hz)	2g	0.15mm
Shock(3 directions for 18 ms)	30g	30g

CE[4]

All specifications are at room temperature unless otherwise specified.
In the interest of constant product improvement, we reserve the right to change specifications without notice.

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1]This device is in compliance with the EMC guideline 89/336/EEC and the low voltage guideline 73/23/EEC

[2]This device must be installed in accordance with the specifications of EN60950. It must be possible to switch off the device using a suitable disconnecting device outside the power supply. For example, primary side line protection could be used.

[3]In the case of DC applications it is necessary to connect in series an adequate fuse

[4]See appropriate Declaration of Conformance for details

Entered: LK	Engineer: gs	Sales: MC	Approved: BAM	Spec Number:
Date: 6/6/2016	Date: 6/6/2016	Date: 6/6/2016	Date: 6/6/2016	18194

PCB PIEZOTRONICS
3425 Walden Avenue, Depew, NY 14043
Phone: 716-684-0001
Fax: 716-684-0987
E-Mail: info@pcb.com