

Model Number 682A01		24 VDC DIN RAIL MOUNT POWER SUPPLY		Revision: B ECN #: 45402	
Performance		ENGLISH	SI	OPTIONAL VERSIONS	
MTBF		>500000h	>500000h	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Efficiency		>85%	>85%		
Control Interface					
Display		LED	LED	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	
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		
 [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.			
		 3425 Walden Avenue, Depew, NY 14043			
		Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com			
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