

Salvo Power Supply & Beacon

User Guide



The Salvo Power Supply converts 110/240V to 24VDC to power the SCP, providing a safer power level at the user interface. The SPSB is mounted to the interior wall of the warehouse, adjacent to the Loading Bay and is combined with an Amber Beacon to provide notification that the Loading Bay has been activated and it is safe to open the bay door and commence loading or unloading.

Specifications

Power Supply

Input

Voltage	100~240VAC (88V ~ 264VAC – Full Range)
Frequency	47 - 63Hz
Current	<2A@115V and 1.2A@230V AC input, full load
Inrush Current	<40A@230VAC input, Cold Start at 25°C ambient
Leakage Current	<2.0mA@240VAC input

Output

Voltage	24V
Rated Load	0A
Range Load	3.2A
Output Tolerance	+/- 1%
Line Regulation	+/-0.5%
Load Regulation	+/-0.5%
Ripple Noise MAX	120mV
Efficiency (Typ)	85%
Power	76.8W

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Enclosure

Material	ABS/FR (R59M) UL94 5VA Rated
Enclosure Dimensions	205mm(W) 220mm(H) 106mm(D)
Mounting Dimensions	187mm(W) 202.5mm(H) – M4
Operating Temperature	-25°C to +115°C
Shock Resistance	20 Joules (IK10)
Ingress Protection	IP65
Weight	1 kg

Beacon

Material	Black Polycarbonate
Dimensions	Ø85mm x 38mm(H)
Voltage	11/35VDC
Current	50mA
Operating Temperature	-20°C to +70°C
Ingress Protection	IP65
Cable Entry Size	M20 x 2

Precautions



WARNING – Disconnect Electrical Supply Before Opening Unit



Means of Isolation should be located adjacent to the device and should be clearly marked and easily accessible.



Installation of this equipment, other than for its specified use, may impair the operation and safety integrity of this product.



Installation should be carried out by a competent and qualified person who has read and understood these instructions. Any electrical installation must comply with standard “BS7671 – Requirements for Electrical Installations”, commonly referred to as the IEE Wiring Regulations, or any particular regulations and practices, specified by the local electricity supply company at the time of installation. Installation must be carried out by competent personnel qualified to IEE 17th Edition or any equivalent regulations in force at the time of installation.

Order Information

Please advise correct part number when ordering.

(mandatory information)**

Part Number**

008006