

Electro Optical Components, Inc. 5460 Skylane Boulevard, Santa Rosa, CA 95403 Toll Free: 855-EOC-6300



www.eoc-inc.com info@eoc-inc.com

Datasheet	PS-15-25-L Power Supply for FEMTO Amplifier Modules	
Features	 Linear Regulated Stabilization ± 15 VDC Low Ripple and Noise Wide Input Range Switched Power Supply 	
Safety Instructions	This power supply is exclusively designed for use with FEMTO amplifier modules. Before use, take care to follow general electrical safety rules and notice the information shown in this datasheet and at the type label on the power supply. Do not use visibly damaged power supplies. Do not use this power supply in security relevant applications or in chemical aggressive environment. Do not expose this power supply to unusual mechanical stress or vibrations. During use do not expose the unit to direct sunlight and do not cover it because cooling is made by convection. Respect the general rules for fire prevention. Use in original condition only, do not open, do not repair the unit. When operation is no longer possible or considered to be unsafe, the power supply must be taken out of service and be secured against unintended operation.	
Environmental Protection	FEMTO offers all end users in the EC the possibility to return "end of life" units without incurring disposal charges. If you wish to return a unit for waste recovery, please contact FEMTO for further information. Do not dispose of the unit in a litter bin or at a public waste disposal site.	
Safety and EMI Requirements	The manufacturer declares that this product meets the requirements and the intents of the following standards, normative documents and directives. The unit has (bears) the CE mark. A complete declaration of CE-conformity is available upon request. EN 55022 Klasse B, EN55024, EN 61000-3-2, EN 61000-3-3, EN60950-1, IEC 950 IEC 6100-4-2, IEC 6100-4-3, IEC 6100-4-4, IEC 6100-4-5 IEC 6100-4-6, UL1950 IEC 6100-4-11 RoHS 2011/65 EMV-Richtlinie 2004/108/EG, Niederspannungsrichtlinie 200/95/EG REACH Verordnung (EG) / Nr. 1907/2006	
Specifications	Test Conditions	Ta = 25°C
Input	Input Voltage Power Consumption, no load Power Consumption, max. load Inrush current	100240 VAC, ± 10%, 4763 Hz 2.3 W typ. 20 W max max. 15 A @115VAC max. 30 A @230 VAC.
Output	Output Voltage Output Current Ripple and Noise	\pm 15 VDC, \pm 5% + 5 VDC (not connected to the output connector) + 500 mA / - 300 mA max. 20 mV $_{\rm pp}$ typ. (@ \pm 150 mA load)
Protections	Insulation Voltage, prim./sec. Insulation Resistance, prim./sec. Temperature Protection Overload Protection No Load Protection	4242 VDC 10 G Ω min. (@ 500 VDC) installed short-circuit-proof idle-running-proof

Datasheet PS-15-25-L Case Material plastic housing, screwed Device Socket, Main small power socket, IEC-60320-C8 Dimensions 106 mm x 67 mm x 36 mm (L x W x H) Weight ca. 485g (inclusive AC power cord) **Ambient Conditions** Storage Temperature - 40 ... + 85 °C Operating Ambient Temperature 0 ... + 40 °C Air Humidity 0 ... 95% Connector / Cable AC Input Cord VDE, 2 x 0.75 mm², black **EU-Version** Euro-Plug, Typ C, CEE 7/16 to connector Euro 8, IEC-60320-C7 **US-Version** US-Plug ,Typ A, NEMA 1-15 to connector Euro 8, IEC-60320-C7 DC Output Cord 22AWG, black DC Output Connector LEMO Series 1S, 3-pol Type: FFA.1S.303.CLAC52 Connector Pin Assignment -PIN 1 / +15V PIN 2 / -15V PIN 3 / GND Dimensions 106 mm Power LED_ ъ 67 mm Höhe/height: 36 mm 1,8 m 1,8 m US Version Scope of Delivery Power Supply, AC Power Cord, Datasheet, Transport Package Specifications are subject to change without notice. Information furnished herin is believed to be accurate

Specifications are subject to change without notice. Information furnished herin is believed to be accurate and reliable. However, no responsibility is assumed by FEMTO Messtechnik GmbH for its use, nor for any infringement of patents or other rights granted by implication or otherwise under any patent rights of FEMTO Messtechnik GmbH. Product names mentioned may also be trademarks used here for identification purposes only.

© by FEMTO Messtechnik GmbH Printed in Germany

