

Solenvis SL197 DR15-24DC DC Power Supply 24DC

DR15 DIN-Rail Mounted DC Power Supplies

DR15 is a 15W single output DIN rail switching power supply. With its protection levels, this series provides users with a safer operating environment and featuring up to ~84% efficiency, this series can be cooled by free air convection to significantly increase the reliability and lifetime of the power supply.

Also complies with the safety and EMC requirements of EN50178. The units can be powered from 85 to 264VAC and are DIN-rail mounted.

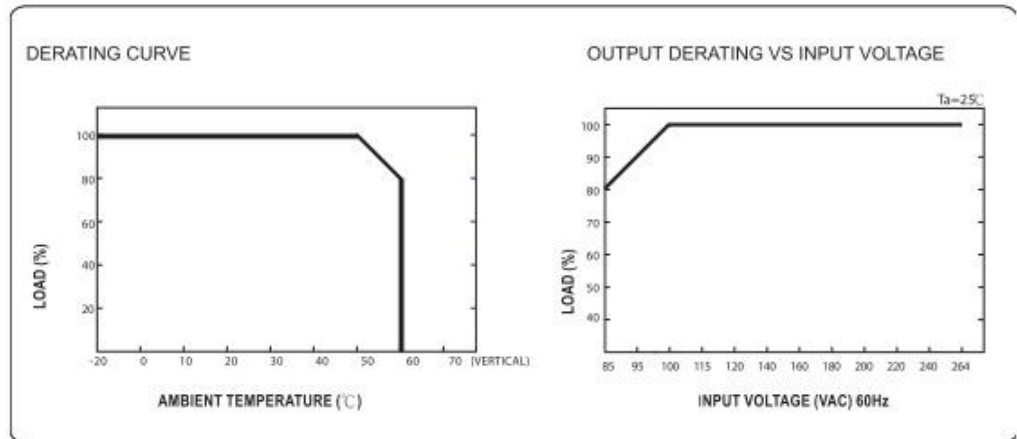
Features

- DIN-rail mounted
- Rating 15VA
- Output Voltage 12VDC or 24VDC Depending on the Model
- Universal AC Input Range, 85..264VAC
- LED Power Indication
- Overload and voltage protection
- Cooling by free air convection



Model Type	Model	Description
	DR15-24DC	DIN-Rail Mounted 24VDC Power Supply, 15VA
	DR15-12DC	DIN-Rail Mounted 12VDC Power Supply, 15VA
Technical Data	AC Input Voltage	85..264 VAC; 47..63Hz 120..370 VDC
	AC Current	0.48A/230VAC, 0.88A/115VAC (typical)
	Output Voltage	DR15-12V: 12VDC DR15-24V: 24VDC
	Adjustment Range	DR15-12V: 10.8~13.2V DR15-24V: 21.6~26.4V
	Output Current	DR15-12V: 1.25A DR15-24V: 0.63AV
	LED Indication	Power On
	Accuracy	+/-1%
	Efficiency	84%/85%
	Overvoltage Protection	DR15-12V: 13.8~16.2V DR15-24V: 26.6~32.4V Shutdown operating voltage, clamping by zener diode
	Overload Protection	105%..160% Rated Output Voltage
	Terminals	Rising Clamp, 0.5-2.5mm ² Cable
	Ambient Temp	-20 to +60°C; refer to output load derating curve
	Ambient Humidity	20..90% rH non-condensing
	Approvals	EMC; Design Refer to EN50178 Emissions: EN55011, EN55022 Class B, EN61000-3-2,-3 Immunity: EN61000-4, EN55024, EN6100-6-2, heavy industry level
	MTBF	1172.3K hrs minimum MIL-HDBK-217F (25°C)
	Weight	0.1kgs

Derating Curve



Dimensions and Wiring

