

12.0 ~ 24V DIN Rail Mountable Power Supplies

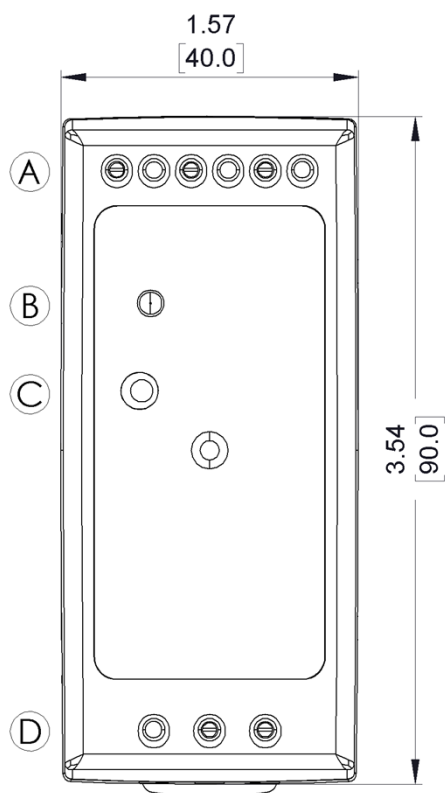


- Universal AC Input / Full Range
- Protections: Short Circuit / Overload / Over Voltage
- Cooling by Free Air Convection
- DIN Rail TS-35/7.5 or 15 Compatible
- LED Indicator for Power On

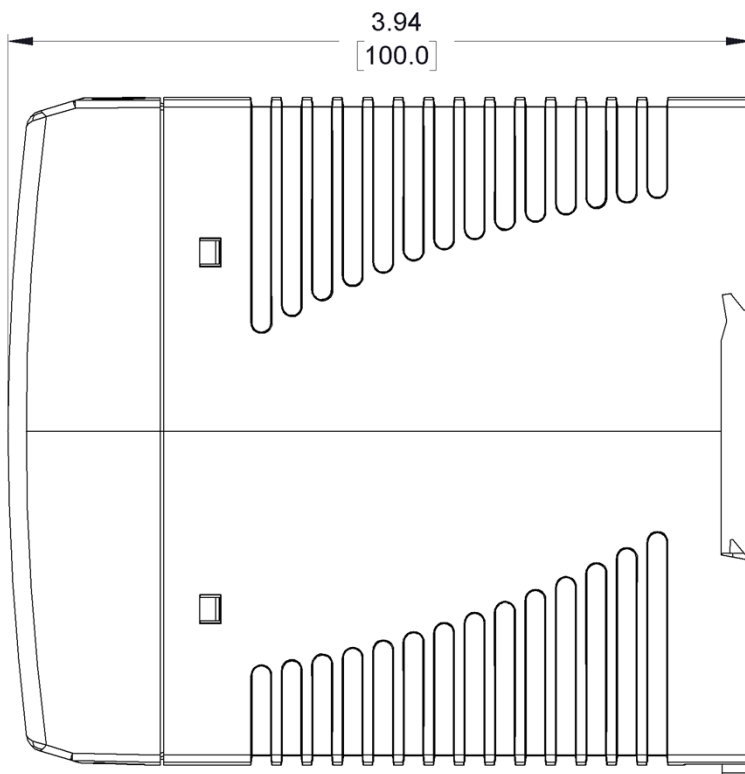


Model	Part #	4010-0010	4010-0011	4010-0017
Output	DC Voltage	24V	24V	12V
	Rated Current	1.7A	2.5A	5A
	Current Range	0 ~ 1.7A	0 ~ 2.5A	0 ~ 5A
	Rated Power	40.8W	60W	60W
	Ripple & Noise (max) ²	150mVp-p	150mVp-p	120mVp-p
	Voltage Adj. Range	24~30V	24~30V	12 ~ 15V
	Voltage Tolerance ³	±1.0%		
	Line Regulation	±1.0%		
	Load Regulation	±1.0%		
	Setup, Rise Time ⁵	500ms, 30ms / 230VAC 500ms, 30ms / 115VAC @ Full Load		
Hold Up Time (Typ.)	50ms/230VAC & 20ms/115VAC @ Full Load			
Input	Voltage Range	85 ~ 264VAC / 120 ~ 370VDC		
	Frequency Range	47 ~ 63Hz		
	Efficiency (Typ.)	88%	87%	85%
	AC Current (Typ.)	1.1A / 115VAC 0.7A / 230VAC	1.8A / 115VAC 1.0A / 230VAC	1.8A / 115VAC, 1.0A / 230VAC
	Inrush Current (Typ.)	Cold Start 30A / 115VAC & 60A / 230VAC		
	Leakage Current	<1mA / 240VAC		
Protection	Overload	105 ~ 150% rated output power		
		Protection Type: Constant current limiting, recovers automatically after fault condition removed		
	Over Voltage	31.2 ~ 36V	31.2 ~ 36V	15.6 ~ 18V
Function	DC OK Signal	Relay contact rating (max): 30V / 1A resistive		
Environment	Working Temp.	-20 ~ 70°C		
	Working Humidity	20 ~ 90% RH non-condensing		
	Storage Temp., Humidity	-40 ~ 85°C, 10-95% RH		
	Temp. Coefficient	±0.03%/°C (0 ~50°C)		
	Vibration	10 ~500Hz, 2G 10min. / 1 cycle, period for 60min. along X, Y, Z axis		
Safety & EMC	Certifications	CE UKCA, C1D2 (Group A, B, C, D), UL, EAC		
	Withstand Voltage	I/P-O/P: 3KVAC, I/P-FG: 2KVAC, O/P-FG: 0.5KVAC		
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: >100M Ohms / 500VDC / 25°C / 70% RH		
	Dimension (W*H*D)	1.57 x 3.54 x 3.94 inches [40 x 90 x 100 mm]		
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF & 47µF parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" 5. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to an increase of the set-up time. 6. The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).			

4010-0010 / 4010-0011 / 4010-0017



TOP VIEW



SIDE VIEW

- A VDC Output
- B Power On Indicator LED
- C Voltage Adjustment Screw
- D VDC Input