DIN Rail Power Supply

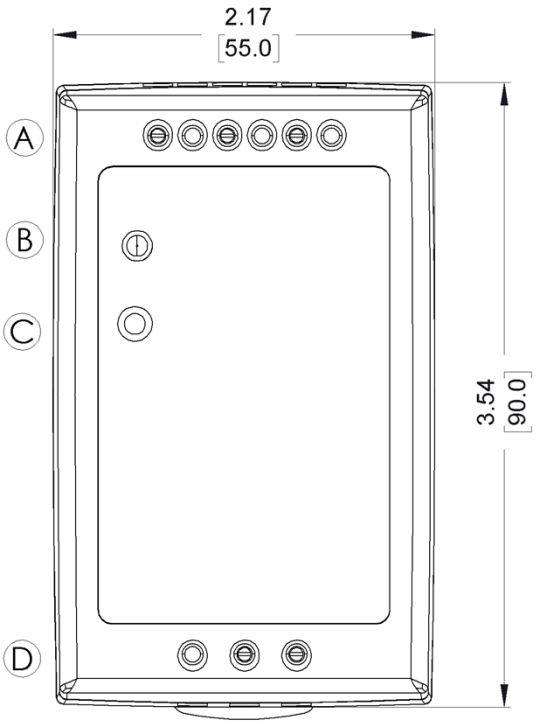
24V DIN Rail Mountable Power Supply

- 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

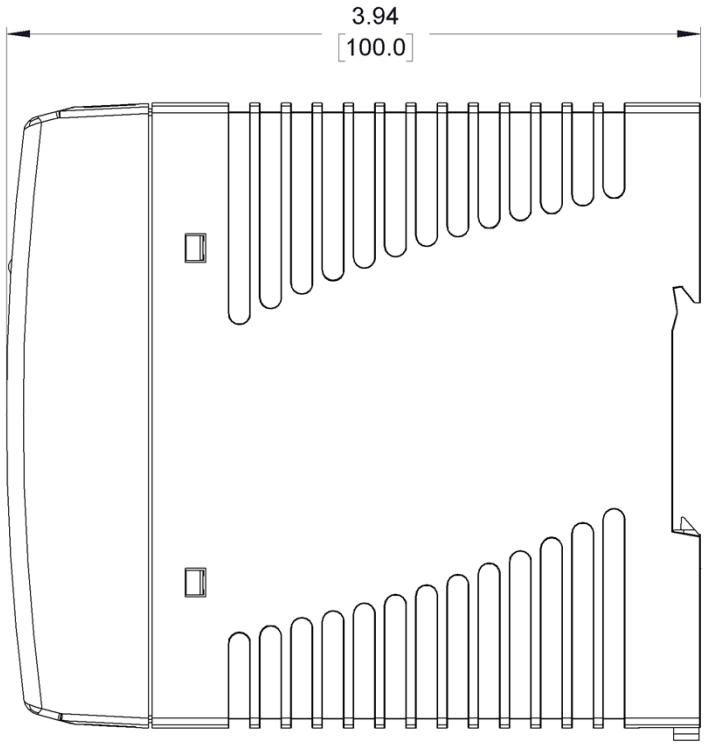
R33100 RoHS TPTC004 BS EN/EN62368-1

Model	Part #	4010-0013
Output	DC Voltage	24V
	Rated Current	4A
	Current Range	0 ~ 4A
	Rated Power	96W
	Ripple & Noise (max)[2]	150mVp-p
	Voltage Adj. Range	24 ~ 30V
	Voltage Tolerance[3]	±1.0%
	Line Regulation	±1.0%
	Load Regulation	±1.0%
	Setup, Rise Time[5]	3000ms, 50ms / 230VAC 3000ms, 50ms / 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.)	86%
	AC Current (Typ.)	1.3A / 115VAC 0.8A / 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
		Protection Type: Shut down o/p voltage, re-power on to recover
Function	DC OK Signal	Relay contact rating (max): 30V / 1A resistive
Environment	Working Temp.	-10 ~ 60°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, 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)	2.17 x 3.54 x 3.94 inches [55 x 90 x 100 mm]
Notes		1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ 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℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft).

4010-0013



TOP VIEW



SIDE VIEW

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