

DRA-40-12



- Universal AC input / Full range
- Protections: Short Circuit / Overload / Over Voltage
- Can Be Installed on DIN rail TS-35/7.5 or 15
- Output Voltage Adjustable Through Internal Potentiometer
- Output Current Adjustable Through External 1~10Vdc, PWM Signal Or Resistance
- Cooling By Free Air Convection
- Pass LPS
- LED Indicator For Power On
- 100% Full Load Burn-In Test
- 3 Years Warranty

Rating: Not Rated Yet

Price

Sales price without tax 28,80 €

[Ask a question about this product](#)

Manufacturer [Maker: Mean Well](#)

Description	SPECIFICATION	
	MODEL	DRA-40-12
OUTPUT	DC VOLTAGE	12V
	CONSTANT CURRENT REGION	3~12V
	RATED CURRENT	3.34A
	CURRENT RANGE	0 ~ 3.34A
	RATED POWER	40.08W
	RIPPLE & NOISE (max.)	120mVp-p
	Note.2	
	VOLTAGE ADJ.	12 ~ 15V

	RANGE	
	VOLTAGE TOLERANCE Note.3	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±0.5%
	SETUP, RISE TIME Note.4	400ms, 90ms/230V AC 800ms, 90ms/115V AC At Full Load
	HOLD UP TIME (Typ.)	50ms/230V AC 10ms/115V AC At Full Load
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC [DC Input Operation Possible By Connecting AC/L(+), AC/N(-)]
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (Typ.)	85%
	AC CURRENT (Typ.)	0.8A/115V AC 0.6A/230V AC
	INRUSH CURRENT (Typ.)	COLD START 30A/115VAC 60A/230VAC
PROTECTION	OVERLOAD	95 ~ 108% Rated Output Power Protection Type : Constant Current Limiting, Recovers Automatically After Fault Condition Is

		Removed
	OVER VOLTAGE	14.49 ~ 18.63V Protection Type : Shut Down O/P Voltage, Re-Power On To Recover
ENVIRONMENT	WORKING TEMP.	-30 ~ +70 °C (Refer To "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH Non-Condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	± 0.03%/°C (0 ~ 55°C) On Output
	VIBRATION	10 ~ 500Hz, 2G 10min./1Cycle, 60min. Each Along X, Y, Z Axes
SAFETY & EMC (Note 5)	SAFETY STANDARDS	UL60950-1, TUV EN60950-1 Approved
	WITHSTANDING VOLTAGE	I/P-O/P:3 KVAC 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
	EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2,-3
	EMC IMMUNITY	Compliance to EN61000-4-2, 3,4,5,6,8, 11, EN55024, EN61204-

		3, light industry level, criteria A
OTHERS	MTBF	439.3K hrs min. MIL-HDB K-217F (25°C)
	DIMENSION	40*90*100mm (W*H*D)
	PACKING	0.3Kg; 42 pcs/13.6Kg/0.82CU FT
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.</p> <p>3. Tolerance : Includes set up tolerance, line regulation and load regulation.</p> <p>4. Length of set up time is measured at cold first start. Turning ON/OFF the power supply may lead to increase of the set up time.</p> <p>5. 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." (as available on http://www.meanwell.com)</p> <p>6. Installation clearances : 40mm on top, 20mm on the bottom, 5mm on the left and right side are recommended when</p>	

loaded permanently with full power. In case the adjacent device is a heat source, 15mm clearance is recommended.
--

[DRA-40-12 Specification](#)