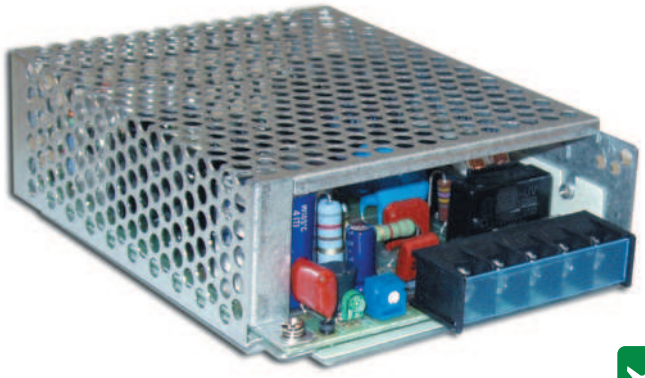
15W and 30W Single Output Industrial Power Supplies

Features

- 5 Year Warranty
- Low Profile
- Universal Input range
- Screw terminal connection
- DIN Rail mount bracket available
- Level B EMI



RoHS

Specifications

Model		5V	12V	15V	24V	48V
Input Voltage range	-	85 - 265VAC (47-440Hz) 110-330VDC				
Inrush Current (100 / 200VAC)	A	20 / 40				
Temperature Coefficient	-	1% typical 0 - 50°C				
Adjustment range	V	4.5-5.5	10.8-13.2	13.5-16.5	21.6-26.4	43.2-52.8
Line Regulation	mV	20	48	60	96	192
Load Regulation	mV	40	100	120	150	250
Ripple and Noise	mV	120	150		200	300
Overcurrent Protection	A	>105%				
Overvoltage Protection	V	5.75-6.75	13.8-16.2	17.3-20.3	27.6-32.4	55.2-64.8
Efficiency (RWS15/RWS30) (1)	% typ	71/72	75/77	77/79	78/81	
Hold Up Time (Typ)	ms	20ms (at 100VAC, nominal output, 25°C)				
Operating Temperature	-	0 to+60°C, derate linearly to 60% load from 50°C to 60°C(2)				
Storage Temperature	-	-30 to +85°C				
Operating Humidity	-	30 - 90% RH (Non condensing)				
Storage Humidity	-	10 - 95% RH (Non condensing)				
Cooling	-	Convection				
Withstand Voltage	-	Input to Chassis 2kVAC (20mA), Input to Output 3kVAC (20mA), Output to Chassis 500VAC (100mA) for 1 min.				
Isolation Resistance	-	>100M at 25°C & 70%RH, Output to Ground 500VDC				
Vibration (non operating)	-	10 - 55Hz (1 minute sweep), 19.6m/s^2 constant X, Y, Z 1 hour				
Shock	-	< 196.1 m/s^2				
Safety Agency Approvals	-	UL1950, CSA950, EN60950, CE Mark (LVD), Built to meet DENTORI				
Conducted & Radiated EMI	-	EN55011 / EN55022-B, FCC Class B				
Recommended EMI Filter	-	RWS15A: MAW12R5-22, RWS30A: MAW1201-22				
Weight (Typ)	g	RWS15A: 270, RWS30A: 310				
Size (WxHxD)	mm	RWS15A: 35 x 97 x 98.5, RWS30A 35 x 97 x 121.5 (3)				
Warranty	yrs	Five Years				

(1) At 100VAC, Maximum output power, and 25°C
(2) derate linearly to 50% load from 45°C to 60°C with cover fitted
(3) Refer to Outline Drawing

OBSOLETE

Options

Model	Voltage (V)	Max Current (A)
RWS15A-5/A	5V	3A
RWS30A-5/A	5V	6A
RWS15A-12/A	12V	1.3A
RWS30A-12/A	12V	2.5A
RWS15A-15/A	15V	1A
RWS30A-15/A	15V	2A
RWS15A-24/A	24V	0.7A
RWS30A-24/A	24V	1.3A
RWS15A-48/A	48V	0.3A
RWS30A-48/A	48V	0.6A
LDIN30	DIN Rail mounting bracket (order separately)	

Options

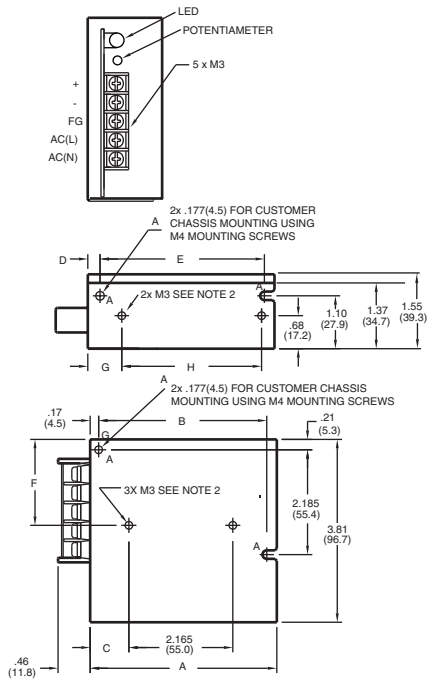
Suffix	Description
Blank	No Cover
/A*	Cover
Note:	* Standard US stock item

Other Industrial Products

JWS, JWS-P & JWT	50W to 600W Single and triple output
JFS	500W to 2000W Single output
DLP/DHP	75W to 960W DIN Rail single output
ZWS	5W to 150W Low cost single output

For Additional Information, please visit
us.tdk-lambda.com/lp/products/rws-a-series.htm

RWS Outline Drawing



NOTE:
1. DIMENSIONS ARE IN INCHES EXCEPT DIMENSIONS ( ) ARE IN MM.
2. 4x M3 TAPPED HOLES FOR CUSTOMER MOUNTING SCREWS MUST NOT PROTRUDE INTO POWER SUPPLY BY MORE THAN .23 (6).

DIMENSIONS:

MODEL	A	B	C	D	E	F	G	H
RWS15A	3.87 (98.5)	89.0 (89.0)	.80 (20.5)	.25 (6.5)	3.425 (87.0)	1.79 (45.5)	.70 (18.0)	2.913 (74.0)
RWS30A	4.78 (121.0)	4.40 (112.0)	1.24 (31.5)	.25 (6.5)	4.783 (105.0)	1.67 (52.5)	.84 (21.5)	3.267 (83.0)

WEIGHT:

MODEL	LBS
RWS15A	0.60
RWS30A	0.68

RWS15A/RWS30A

OBSOLETE