

Industrial Power Supplies



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TBL Series, 15 to 150 Watt

Features

- Low profile plastic case
- For building and industrial automation applications
- Fits into flat control panels
- Safety class II, double insulated
- Adjustable output voltage
- Short circuit and overload protection
- UL 508 listed, UL1310 approvals



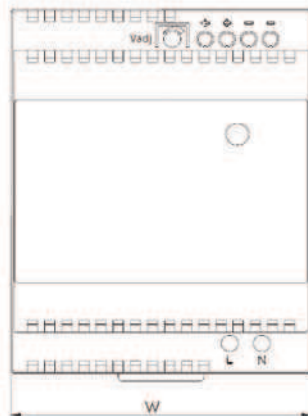
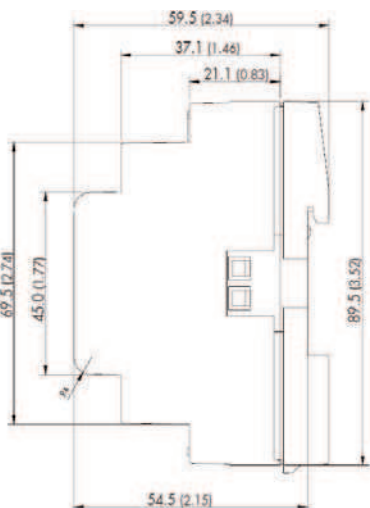
Electrical Specification

Input voltage range	85 - 264Vac, 47 - 63Hz (TBL 150 models: 85 - 132/187 - 264Vac autorange)
EMI suppression	EN55011/22 class B, EN 61000-6-3
EMC immunity	EN61000-6-2
Output current limitation	>100% of Iout max.
Overvoltage protection	at 140% of Vout nom.
Operating Temperature Range	-25°C to +70°C (derate at 2.0%/°C above 60°C)
Safety Approvals	UL1310, IEC/EN 60950-1, CB report, cUL/UL 508 listed, EN 50178, EN 60204, EN 61558-2-8
Connection	screw terminals
Casing	plastic (UL94v-0) rated
Mounting	snap-on mounting on 35mm DIN-rail

Output Voltage and Current Ratings

MODEL	OUTPUT POWER	OUTPUT VOLTAGE SET POINT	Adj. RANGE	OUTPUT CURRENT max.	OUTPUT REG.	RIPPLE & NOISE	EFFICIENCY
TBL 015-105		5.0VDC	5.0 - 5.2VDC	2.4A	1.0%	100mV pk-pk max.	73%
TBL 015-112	15W	12VDC	12 - 16VDC	1.25A	1.0%	100mV pk-pk max.	79%
TBL 015-124		24VDC	24 - 28VDC	0.63A	1.0%	100mV pk-pk max.	81%
TBL 030-112	30W	12VDC	12 - 16VDC	2.5A	1.0%	100mV pk-pk max.	81%
TBL 030-124		24VDC	24 - 28VDC	1.25A	1.0%	100mV pk-pk max.	83%
TBL 060-112	60W	12VDC	12 - 16VDC	4.5A	1.0%	100mV pk-pk max.	83%
TBL 060-124		24VDC	24 - 28VDC	2.5A	1.0%	100mV pk-pk max.	85%
TBL 090-112	90W	12VDC	12 - 16VDC	6.0A	1.0%	100mV pk-pk max.	86%
TBL 090-124		24VDC	24 - 28VDC	3.75A	1.0%	100mV pk-pk max.	86%
TBL 150-112	120W	12VDC	12 - 16VDC	10A	1.0%	100mV pk-pk max.	84%
TBL 150-124	150W	24VDC	24 - 28VDC	6.25A	1.0%	100mV pk-pk max.	87%

Mechanical Details



Type

Type	Width (w)
TBL 015	26.3 (1.03)
TBL 030	52.5 (2.07)
TBL 060	70 (2.78)
TBL 090	105 (4.13)
TBL 150	175 (6.89)

Dimensions in mm (inches)