

AC to 12VDC Power Adapter with Terminal Block

TC3PS-TB-25

- AC Input 100-240 VAC, 47-63Hz
- DC Output 12V, 2.5A, 30W Max
- Non-Vented Case
- Class B EMI
- Low Profile Design
- Level VI Efficiency Compliant
- Eco-design ErP Directive 2009/125/EC Level 2 Annex 1b Compliant



TC3PS-TB-25-01
(North American Version)

The TC3PS-TB-25 Universal Power Adapter draws 2.5 Amps and is compatible with standard and large TC Communications products. It is a 115/240V AC to 12V DC Power Adapter with Terminal Block connector.



TC3PS-TB-25-03
(European/German Version)



TC3PS-TB-25-04
(United Kingdom Version)

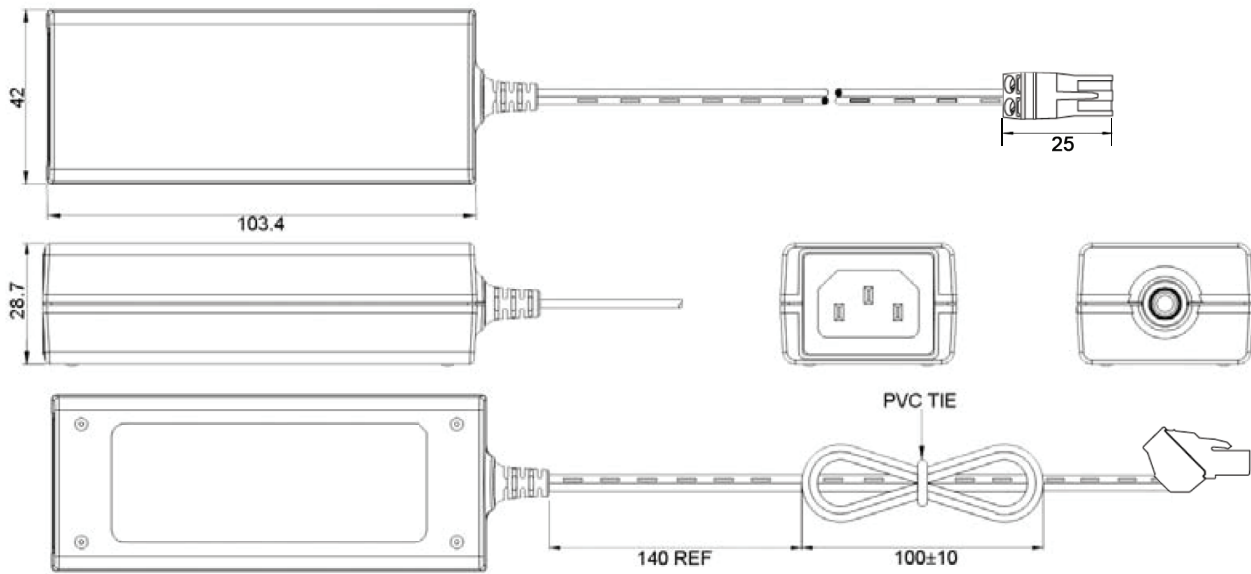
Applications

This power adapter applies to the following products:

- TC8930
- TC8916
- TC8800S/R
- TC8800S/R
- TC861X
- TC8530
- TC8520
- TC8510
- TC8300
- TC8116
- TC8108
- TC8000
- TC3848
- TC3847
- TC3846
- TC3845
- TC3840DR
- TC3847-1DR
- TC3400/3420
- TC3340
- TC3300
- TC3240
- TC3210
- TC302X
- TC3007/3006
- TC3005/3004
- TC2900
- TC2850
- TC2800
- TC2400
- TC2200
- TC2100
- TC1920
- TC1905
- TC1903
- TC1901
- TC1900
- TC1631
- TC1720
- TC1710
- TC1705
- TC1680

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TC3PS-25 Dimensions

Mechanical Characteristics

Length..... 103.4mm (4.07in)
 Width..... 42mm (1.65in)
 Height..... 28.7mm (1.13in)
 Weight 140g (4.94oz.)
 DC Output Connector ...Terminal Block
 DC Cord Length..... 1500mm (59.1in)
 AC Input ConnectorIEC C14
 AC Cord Length..... 1828.8mm (72in)

Input

AC Input

Voltage Rating 100VAC to 240VAC
 Voltage Range..... 90VAC to 264VAC
 Frequency47Hz to 63Hz

Input Current

.....0.8A (RMS) maximum at 120VAC
0.5A (RMS) maximum at 240VAC

Leakage Current

.....3.5mA maximum at 254VAC, 50Hz

Inrush Current

.....60A max @ 100VAC & max load
100A max @ 240VAC & max load

Power Saving

..... <0.1W Max @ 0A 23VAC 50Hz

Output

DC Output Voltage+12V

DC Output Power..... 30W

Load

Minimum 0A

Maximum (@12VDC) 2.50A

Ripple

..... 120mV

Efficiency

Level.....DOE Level VI
 88% Typical

Over-Voltage Protection

.....10V max

Over-Current Protection

Auto restart mode without damage

Short-Circuit Protection

Output can be shorted permanently without damage

Environmental

Operating Temperature.... -20° to 70°C

Storage Temperature..... -20° to 75°C

Operating Humidity..... 20% to 90%

Immunity

EN61000-4-2 level 4

EN61000-4-3 level 2

EN61000-4-4 level 2

EN61000-4-5 level 3

EN61000-4-6 level 2

EN61000-4-8 level 1

EN61000-4-11

Emissions

.....FCC Class B, EN55032 Class B

Dielectric Withstand (Hi-pot) Test

Input to output:

..... 3000VAC, 10mA for 1 minute

Input to F.G.:

..... 1500VAC, 10mA for 1 minute

Safety Approvals

..... cUL/UL, CB, CE

*Contact factory for higher requirements



SAI GLOBAL
 ISO 9001
 Quality

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Note: Information contained in this data sheet is subject to change without prior notice.