



ISO 9001:2008
REGISTERED



GTM46101-USB

Exista
POWER SUPPLIES



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www.exista.ch



10 Watts, Wall Plug-In, AC/DC Switching Adapter with USB



ELECTRICAL SPECIFICATIONS:

INPUT VOLTAGE:

SPECIFIED 90-264 VAC, NAMEPLATE RATED 100-240 VAC

INPUT FREQUENCY:

SPECIFIED 47-63 HZ, NAMEPLATE RATED 50-60 HZ

OUTPUT REGULATION:

+/- 5% MEASURED AT THE OUTPUT CONNECTOR

LINE VOLTAGE REGULATION:

+/- 1% TYPICAL MEASURED AT THE OUTPUT CONNECTOR

OUTPUT RIPPLE (VP-P):

+/-1% OR 150 MV WHICHEVER IS GREATER AT NOMINAL OUTPUT VOLTAGE. MEASURED AT 20 MHZ BANDWIDTH WITH 0.1 UF CERAMIC CAPACITOR IN PARALLEL WITH 10 UF ELECTROLYTIC CAPACITOR CONNECTED AT THE END OF THE OUTPUT CONNECTOR.

TURN-ON/TURN-OFF OVERSHOOT:

5% MAXIMUM, 500 US MAXIMUM RECOVERY TIME FOR 25% STEP LOAD.

TURN-ON DELAY:

3000 MSEC MAXIMUM

HOLD-UP TIME:

8MSEC MAXIMUM AT NOMINAL INPUT AND FULL LOAD.

INRUSH CURRENT:

30A TYPICAL @ 115VAC INPUT ; 60A TYPICAL @ 230VAC INPUT

SWITCHING FREQUENCY:

66.5 KHZ TYPICAL

PROTECTION

OVER-VOLTAGE:

PROTECTED UNIT WILL RECOVER UPON REMOVAL OF FAULT

SHORT CIRCUIT:

ELECTRONICALLY PROTECTED, UNIT WILL RECOVER UPON REMOVAL OF FAULT

INPUT PROTECTION:

INPUT LINE FUSING

ESD:

8 KV CONTACT/20KV AIR DISCHARGE

SAFETY

DIELECTRIC WITHSTAND VOLTAGE:

5656VDC FROM PRIMARY TO SECONDARY

EARTH LEAKAGE CURRENT:

N/A FOR CLASS II UNITS, THERE IS NO PE GROUND PIN, SO EARTH LEAKAGE CURRENT IS NOT MEASURED

TOUCH CURRENT:

MAXIMUM ALLOWED VALUES: 100UA NC(NORMAL CONDITION) 500UA SFC(SINGLE FAULT CONDITION)

MEANS OF PROTECTION:

2 X MOPP

ROHS 2:

COMPLIES WITH EU 2011/65/EU AND CHINA SJ/T 11363-2006

OTHER:

MTBF:

200,000 HOURS @ 25°C AMBIENT TEMPERATURE

OPERATING TEMPERATURE:

0°C TO 40°C AMBIENT TEMPERATURE

HUMIDITY:

0% TO 95% RELATIVE HUMIDITY

STORAGE TEMPERATURE:

-40°C TO 80°C

OUTPUT VOLTAGE / CURRENT:

MODEL NUMBER	OUTPUT VOLTAGE (VDC)	OUTPUT CURRENT (A)	RATED OUTPUT POWER (W)
GTM46101-1005-USB	+5.0	0 - 2.0	10
GTM46101-0505-USB	+5.0	0 - 1.0	5
GTM46101-1306-0.9-USB	+5.1	0 - 2.54	12.95
GTM46101-1306-0.8-USB	+5.2	0 - 2.5	13
GTM46101-1006-0.75-USB	+5.25	0 - 2	10.5
GTM46101-1306-0.7-USB	+5.3	0 - 2.45	12.99
GTM46101-1306-0.6-USB	+5.4	0 - 2.4	12.96
GTM46101-1006-0.5-USB	5.5 V	0 - 2	11.00
GTM46101-0506-0.5-USB	+5.5 V	0 - 0.9	4.95

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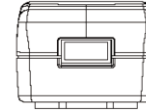
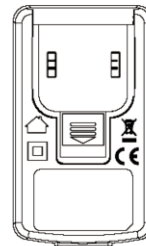
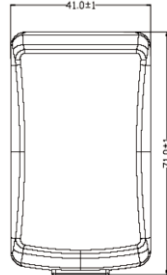
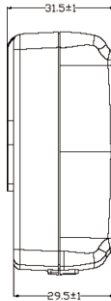
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ENCLOSURE

HIGH IMPACT PLASTIC, 94V0 POLYCARBONATE, NON-VENTED

SIZE: 41.0 X 71.0 X 31.5 MM +/-1.0 MM

MARKINGS: LABEL AND/OR PAD PRINTED AND/OR MOLDED IN THE CASE



INPUT CONNECTOR: Q-SOCKET
(RIGHT ARE AVAILABLE BLADES
CONFIGURATIONS WHICH ARE
"NOT INCLUDED"
(UNLESS STATED ABOVE);
CAN BE PURCHASED
SEPARATELY, PACKAGE WITH
POWER SUPPLY OR AS A
SEPARATE "Q-KIT" IF SPECIFIED



1



2



3



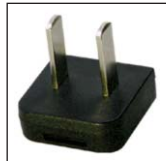
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6



7



8



9



10



11



12

- 01. North America / Japan NEMA 1-15P configuration: NA 2 blades, Class II; P/N: Q-NA(R)
- 02. Australian AS 3112 configuration: SAA 2 blade, Class II; P/N: Q-SAA(R)
- 03. UK BS 1363 configuration: UK 3 blade with dummy Ground, Class II; P/N: Q-UK(R)
- 04. European CEE 7/16 configuration: Europlug 2 pins, Class II; P/N: Q-EU(R)
- 05. Korean KS C8305 configuration: 2 pins, Class II; P/N: Q-KR(R)
- 06. Argentina IRAM 2073 configuration: 2 blades; P/N: Class II Q-AR(R)
- 07. China GB 2099 configuration: 2 blades, Class II; P/N: Q-CN(R)
- 08. India IS 1293 6A/SANS 164-3/BS546 configuration: 5A, 3 pins with Dummy Ground, Class II; P/N: Q-IN(R)
- 09. IEC320/C18 Inlet, Class II; P/N: Q-C18(R)
- 10. Brazilian NBR6147 configuration: 2 pins, Class II; P/N: Q-BR(R)
- 11. S. African SANS 164-1 configuration: 2 pins with Dummy Ground, Class II; P/N: Q-SANS164-1-16A(R)
- 12. British Standard BS 546-15A configuration: 2 pins with Dummy Ground, Class II; P/N: Q-BS546-15A(R)

Kits

- 01. Q-KIT: 1,2,3,4 above
- 02. Q-KIT-INTL: 2,3,4 above
- 03. Q-KIT-6: 1,2,3,4,5,6 above
- 04. Q-KIT-7: 1,2,3,4,5,6,7 above
- 05. Q-KIT-8: 1,2,3,4,5,6,7,8 above

