

DATA SHEET, HALOGEN LAMP CONVERTER

TYPE:	TM87401
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HALOGEN LAMPS:	0 – 70 W / 12V
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ELECTRICAL CHARACTERISTICS:

INPUT VOLTAGE:	NOMINAL:	110 VDC
	MIN - MAX:	77 - 150 VDC
INPUT CURRENT, $\pm 10\%$	20 W:	0.2 A
	70 W:	0.65 A
	WITHOUT LAMP:	< 30 mA
OUTPUT FREQUENCY:		28 - 50 kHz
OUTPUT VOLTAGE		11.3 VAC ± 0.3 V
EFFICIENCY:		> 85 %

MECHANICAL CHARACTERISTICS:

DIMENSIONS (WxHxL):	36 x 31 x 236 mm
WEIGHT:	185 g
MATERIAL OF THE PC-BOARD:	FR-4
MATERIAL OF THE CASING:	ALUMINIUM
CONNECTORS:	SPRING CLAMP CONNECTORS 2.5 mm ²

ENVIRONMENTAL CONDITIONS:

AMBIENT TEMPERATURE RANGE:	-20°C...70°C
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EMC:

ACCORDING TO: ENV 50121-3-2
ACCORDING TO: 95/54/EC: e17 MARKED, TYPE APPROVAL NO. e17*72/245*95/54*020001*00

SPECIAL FEATURES:

SOFT START
ALL TEKNOWARE CONVERTERS ARE PROTECTED AGAINST REVERSE INPUT VOLTAGE POLARITY AND ALL LAMP FAULT CONDITIONS

WRITTEN BY:	22.06.1998 YH	UPDATED BY:	27.09.2005 HMä
CHECKED BY:		CHECKED BY:	

We reserve the right to make modifications without prior notice