

DATA SHEET, HALOGEN LAMP CONVERTER

TYPE:	TM 78801
HALOGEN LAMPS:	12V, MAX 40 W TOTAL POWER

ELECTRICAL CHARACTERISTICS:

INPUT VOLTAGE:	NOMINAL:	110 VDC
	MIN - MAX:	77 - 138 VDC
OUTPUT VOLTAGE:		11,2 VAC $\pm$ 0,3 V ($U_{in} > 110$ VDC)
INPUT CURRENT, $\pm$ 10%:	10 W:	90 mA
	40 W:	330 mA
	W ITHOUT LAMPS:	< 18 mA
OPERATION FREQUENCY:		30 - 40 kHz
EFFICIENCY:		> 85%

MECHANICAL CHARACTERISTICS:

DIMENSIONS (WxHxL):	47 x 32 x 252 mm
WEIGHT:	190 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:	OPERATION:	-25°C ... +70°C
	STORAGE:	-40°C ... +70°C

PROTECTIONS:

AGAINST INPUT VOLTAGE POLARITY REVERSAL
AGAINST LOAD SHORT CIRCUIT

EMC:

ACCORDING TO: 89/336/EEC: EN55015,
ACCORDING TO: EN 50121-3-2

SPECIAL FEATURES:

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

WRITTEN BY:	24.09.1998 JT	UPDATED BY:	02.04.2001 LT
CHECKED BY:		CHECKED BY:	

We reserve the right to make modifications without prior notice