

DATA SHEET, FLUORESCENT TUBE INVERTER WITH DIMMABLE OUTPUT

TYPE:	TM 78749
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FLUORESCENT TUBES:	58W TL
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ELECTRICAL CHARACTERISTICS:

LIGHT OUTPUT LEVELS (RELATIVE):	100% / 50% / 15%
CONTROL INPUT:	0 VDC / 50 VDC / 110VDC

INPUT VOLTAGE:	NOMINAL:	110 VDC
	MIN - MAX:	88 - 138 VDC
INPUT CURRENT:		100%: 0,42 A
		50%: 0,25 A
		15%: 0,15 A
	WITHOUT TUBE:	0,04 A
OUTPUT FREQUENCY:		MAX OUTPUT: 21 kHz MIN OUTPUT: 35 kHz
	WITHOUT TUBE:	MAX OUTPUT: 40 kHz MIN OUTPUT: 40 kHz
CREST FACTOR OF THE LAMP CURRENT		< 1,7
EFFICIENCY:		> 75%

MECHANICAL CHARACTERISTICS:

DIMENSIONS (WxHxL):	60 x 37 x 282 mm
WEIGHT:	470 g
MATERIAL OF THE PC-BOARD:	FR-4
MATERIAL OF THE CASING:	ALUMINIUM
CONNECTORS:	SPRING CLAMP CONNECTORS 2,5mm2

ENVIRONMENTAL CONDITIONS:

AMBIENT TEMPERATURE RANGE:	-20°C ... +70°C; LIGHTING UP -40°C ... +70°C; NO DAMAGE TO INVERTER
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EMC:

IMMUNITY:	ACCORDING TO: ENV 50121-3-2
EMISSIONS:	ACCORDING TO: ENV 50121-3-2, 89/336/EEC (EN55015)

SPECIAL FEATURES:

3-STEP DIMMING
BOOSTED PRE-HEAT
ALL TEKNOWARE INVERTERS ARE PROTECTED AGAINST REVERSE INPUT VOLTAGE POLARITY AND ALL LAMP FAULT CONDITIONS

WRITTEN BY:	14.04.1998 JT	UPDATED BY:	10.09.2003 HL
CHECKED BY:		CHECKED BY:	

We reserve the right to make modifications without prior notice