

## DATA SHEET FLUORESCENT TUBE INVERTER

<b>TYPE:</b>	TEK-001-114
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FLUORESCENT TUBES:	28 / 35W T5 HE
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### ELECTRICAL CHARACTERISTICS:

INPUT VOLTAGE:	NOMINAL:	24VDC
	MIN - MAX:	18-32 VDC
INPUT CURRENT, $\pm 10\%$ :	28W	1,0 A
	35W	1,20 A
	WITHOUT TUBE:	< 20mA
OUTPUT FREQUENCY:		50-75 kHz
	WITHOUT TUBE:	NOT RUNNING
CREST FACTOR OF THE LAMP CURRENT:		< 1,5
LIGHT OUTPUT LEVELS (relative)		2 % / 35% / 100%
EFFICIENCY:		> 75%

### MECHANICAL CHARACTERISTICS:

DIMENSIONS (WxHxL):	58 x 24 x 112 mm
WEIGHT:	150 g
MATERIAL OF THE PC-BOARD:	FR-4
MATERIAL OF THE CASING:	ALUMINIUM
CONNECTORS:	FASTON 6,35 mm

### ENVIRONMENTAL CONDITIONS:

AMBIENT TEMPERATURE RANGE:	-25°C ... +70°C OPERATING RANGE -40°C ... +70°C NO DAMAGE TO INVERTER
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### EMC:

ACCORDING TO: 2004/104/EC: e17 MARKED, TYPE APPROVAL NO.e17*72/245*2006/28*0178*00
ACCORDING TO: EN 55015

### SPECIAL FEATURES:

3-STEP OR STEPLESS DIMMING
BOOSTED PRE-HEAT™
SERVISAFE®
CONSTANT LIGHT OUTPUT AT VOLTAGE RANGE 25-32 V
ALL TEKNOWARE INVERTERS ARE PROTECTED AGAINST REVERSE INPUT VOLTAGE POLARITY AND LAMP FAULT CONDITIONS.

WRITTEN BY:	19.09.2005 JK	UPDATED BY:	21.05.2007 TTU
CHECKED BY:		CHECKED BY:	

We reserve the right to make modifications without prior notice