

DATA SHEET, FLUORESCENT TUBE INVERTER

TYPE:	TEK-001-105
FLUORESCENT TUBES:	28-35W T5

ELECTRICAL CHARACTERISTICS:

INPUT VOLTAGE:	NOMINAL:	24 VDC
MIN - MAX:		18-32 VDC
INPUT CURRENT, $\pm 10\%$:	28 W	1,0 A
	35 W	1,2 A
	WITHOUT TUBE:	< 10 mA
OUTPUT FREQUENCY:		50 - 60 kHz
	WITHOUT TUBE:	NOT RUNNING
CREST FACTOR OF THE LAMP CURRENT:		< 1,5
EFFICIENCY:		> 75%

MECHANICAL CHARACTERISTICS:

DIMENSIONS (WxHxL):	35 x 22 x 138 mm
WEIGHT:	115 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: 89/336/EEC: EN55015
ACCORDING TO: 95/54/EC: e17 MARKED, TYPE APPROVAL NO.e17*72/245*95/54*0002*00

SPECIAL FEATURES:

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

WRITTEN BY:	16.11.1998 JK	UPDATED BY:	23.09.2004 JK
CHECKED BY:		CHECKED BY:	

We reserve the right to make modifications without prior notice