

# Medical Isolation Transformer polyMIT<sup>®</sup> 700e

## Data sheet 700VA (TSRL)

Part number:	<b>312901-02</b>
Model:	<b>polyMIT 700e</b>
Nominal power output [VA]:	700
Ambiant operating temperature:	+10°C up to +40°C
Relative humidity:	30 % up to 75 %
Atmospheric pressure [hPa]:	700 up to 1060
Power input:	IEC Power connector in accordance with EN 60320-1/C14
Output voltage primary [V-AC]:	115 / 230 +-10 %
Supply frequency [Hz]:	50/60
Current consumption [A] 115 / 230 V:	6.40 / 3.20
Power input fuse [A] 115 / 230 V:	8.0 / 4.0
Power switch input (primary side):	yes
Inrush current limitation:	Electronic inrush current limitation and half-wave failure recognition
Overtemperature protection:	Self-reseting temperature switch
Device output (secondary):	6 x IEC 60320
Output voltage secondary [V-AC]:	230
Output current secondary [A]:	3.05
Operation LED display:	green
Thermal overload protection secondary:	no
Touch leakage current:	< 100 µA under normal conditions, < 500 µA single fault condition
Isolation, protective earth conductor resistance:	> 2 M Ohm / < 0,1 Ohm
Test voltage [AC]:	Primary-secondary: 4 kV AC, Primary/Secondary - Housing: 1.5 kV AC
Test voltage PRI - SEC [V-AC]:	4400
Test voltage PRI/SEC-CHASSIS [V-AC]:	1700
Electric safety class:	class 1 equipment, protective earthing
IP classification:	IP 20
Certification institution:	TÜV - NRTL
Basic principles / CE conformity:	Council Directive 93/42/EEC of 14th June 93 on Medical devices (MDD)
Basic principles NRTL:	ANSI/AAMI ES60601-1:2005/(R(2012) CAN/CSA-C-22.2 No. 60601-1:14
Classification in keeping with MPG:	class 1 device
Potential equalisation:	Equipotential connector according to DIN 42801
Case, surface:	Metal housing in RAL 7035
Dimensions (WxHxD) [mm]:	190 x 105 x 300
Weight approximately [kg]:	9.5

### Optional accessory:

- Power cable orange length 4.0 m (Part no. 505747)
- Power cable US, HG black length 4.0 m (Part no. 509876)
- Connecting cable, 1 meter (Part no. 312905)
- Connecting cable, 2 meter (Part no. 312906)
- Fastening kit (Part no. 312902)
- Stain relief bracket polyMIT 350/700<sup>2</sup> (Part no. 312904)  
(only for use with connecting cable 312905 and 312906)

### Scope of delivery:

- Isolation transformer polyMIT 700e
- Main power cable 3 x 1 mm<sup>2</sup>, length 2.5 m, black
- User manual German/English
- Retain clip (main power supply)
- Replacement fuses 4.0 AT, 4 pc. (Part no. 537169)
- Replacement fuses 8.0 AT, 4 pc. (Part no. 537170)

