

REOMED ISO Monitor

Medical Isolation Monitor for REOMED Isolation Transformers

Series: ISOMONITOR

Normal safety devices used for protection against isolation failures, such as residual-current circuit-breakers used in domestic installations, cannot detect isolation break-down on the secondary side of isolating transformers. The ISOMONITOR monitors the dielectric resistance between both of the live output-socket terminals of the isolation transformer and earth potential, and generates a warning signal in the event of a fault condition.

NOTE: The ISOMONITOR has been designed solely for use with REOMED isolation transformers.

Application area:
• Medical systems



- Ease installation
- Function test
- Acoustic and optical signals
- TÜV certified according to EN 60 601-1-1-2nd
- Tested for EMC standard EN 60 601-1-2

ISOMONITOR	
Rated supply voltage [V]	230
Mains frequency [Hz]	50/60
Working area [VAC]	207 - 253
Response value [kOhm]	≤ 50
Response time [sec.]	< 2
Signal indicator	Green LED: Running Yellow LED: Isolation fault Yellow LED: Transformer temperature limit exceeded Acoustic signal, pulsing for isolation fault and continuous for temperature fault
Ambient operating temperature [°C]	0 – +40
Relative humidity of environment [%]	30 - 75
Protection class	II
Protection IP	IP40
Dimensions [H x B x T (mm)]	125 x 67 x 40