

Infomips

Isolation Power Systems With Transfer Unit And Isolation Error Detection System

Isolation power panels with transfer units are designed with double source inputs. The transfer unit monitors the priority selected source continuously and directs the output to the 2nd source in cases such as power cuts and voltage out of the set values. In case the priority source returns to nominal values, the output continues to be operated from the 1st source again.

In addition to isolation power panels with transfer units, a line monitoring system is included. All output lines are monitored separately via toroidal current transformers. Isolation leakage is detected on a line basis. Due to the 6 toroidal current transformers, the panels are produced with 12, 18 and 24 lines.

TECHNICAL SPECIFICATIONS

- Patient and doctor life safety
- Automatic transfer changeover system
- Transfer time under 100ms
- 10 kVA isolation power transformer
- Isolation monitoring device
- Error detection system
- Line-based isolation leakage monitoring
- LCD screen
- 12/18/24 pcs 2x16A B type line output
- 0-43A load current
- Transformer temperature value tracking
- Load current monitoring
- Remote monitoring with local and central alarm panels
- Multi-device communication possibility
- RS485 Mod-Bus / TCP-IP Mod-Bus communication



GTFD Series Isolation Transformer

Transformer providing the necessary isolation for Group – 2 fields in the hospital.

Standards:

IEC 61558-2-15

IEC 60364-7-710



Isolation Monitoring Module

It continuously monitors the isolation resistance level and gives an alarm if there is a leakage between the system and the ground. Apart from the isolation level, it constantly monitors the current drawn from the system and the transformer temperature. It can transmit all data as instant value and alarm to local and central alarm panels.

Standards:

IEC 60364-7-710

IEC 61557-8

IEC 61557-9



Transfer Module

Transfer Modules are devices that control two contactors and simultaneously monitor Input-Output Voltages and Current Drawn in order to transfer the double line supply to the output without interruption. It can transmit all data as instant value and alarm to local and central alarm panels.

Standards:

IEC 60364-7-710

IEC 60364-5-53

IEC 60947-6-1

