

PTW-100ISO

Isolator Module

Description

The fire telephone isolator module is an intelligent device for short-circuit protection as fault tolerant for the telephone bus branches from the normal main bus line. When a branch line has a short-circuit fault the isolator module will sense and disconnect the line where the short-circuit fault occurs. It ensures that the short-circuit fault impact does not affect the normal operation to other bus line branches connect to the normal main bus line with fire telephone extensions. When a line with a short-circuit fault is restored back to normal status, the isolator module will automatically clears to restore the connection of the line to the bus isolator module. isolator module helps to minimize short-circuit fault in the branch bus line from the normal main bus line in the system. Each isolator module can isolate a maximum of 30 fire telephone extensions.



Feature

- Functions as individual line segment isolation of bus line branches to the main fire telephone switchboard bus circuit.
- Each isolator module can handle a maximum load capacity of 30 fire telephone extensions or PTW-100TB jack with addresses.

Technical Specifications

Bus voltage range: 18VDC to 28VDC.

Power supply mode: Bus powered power.

Current consumption: < 20 mA.

Load capacity: Maximum with 30 telephone extensions or equivalent load.

Isolation response time: < 5 secs.

Recovery time: < 30.

Installation: DIN rail mounting.

Dimensions: 50mm x 112mm x 55mm.