# PTW-100NR
## Interface Module

## Description

The PTW-100NR interface module can provide interfacing facility between two PTW-1000TE firemen alarm control panels. After the interfacing, the firemen control panel switchboard can realize call transfer and cross-regional call functions to further expand the coverage area. The PTW-100NR module is powered by the control panel bus line, and requires no additional external power supply source. The PTW-100NR interface module has the functional ability to analyze bus data, filter data flow via the bus line and processes digital and voice transmission signal over the interface. In normal operation the communication interfacing LED light will be flashing and when the interface module fails to communicate on the bus line it will send a trouble fault message to the PTW-1000TE firemen alarm control panel main bus line to report the interface module fault on the PTW-1000TE control panel display LCD screen. The PTW-100NR module is enclosed in ABS plastic case housing and it supports standard DIN rail mounting. The PTW-100NR module unique address is configurable by internal knob type rotary DIP switches address settings for convenience.

The interfacing of multiple firemen control panel switchboards is configured in N-1 mode. For example, if 10 firemen control panel switchboards interface, nine interface module need to be configured.



## Feature

- Supports two PTW-1000TE firemen alarm control panels to form a communication bus line configuration.
- No external power supply source needed to power the PTW-100NR interface module.
- Standard DIN rail mounting.

## Technical Specifications

**Bus voltage range:** 18VDC to 28VDC.

**Power supply mode:** Bus powered supply.

**Current consumption:** < 20mA (per channel).

**Trunk address range:** 200 to 255.

**Branch address range:** 255 (fixed address).

**Addressing method:** Knob type DIP switches.

**Installation:** DIN rail mounting.

**Dimensions:** 50mm x 112mm x 55mm.

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