



HX9500R-TTA Interface Cards

TRANSFER TRIP CARD FOR HX9500R

Description

The Transfer Trip Card is designed for the HX9500R series which is for transfer trip function. It can be used in a protection system to send a trip command to remote circuit breakers.

The Transfer Trip card is a dual slot module provides four ports of input and output using bi-directional DSO's.

The Transfer Trip Card is capable of measuring and recording round trip delay. The measurement is run continuously and an alarm is generated if the round trip delay exceeds a user preset value. Besides, the Transfer Trip card provides several user configurable timers to fit application requirement and keep the proper operations of the system.

Features

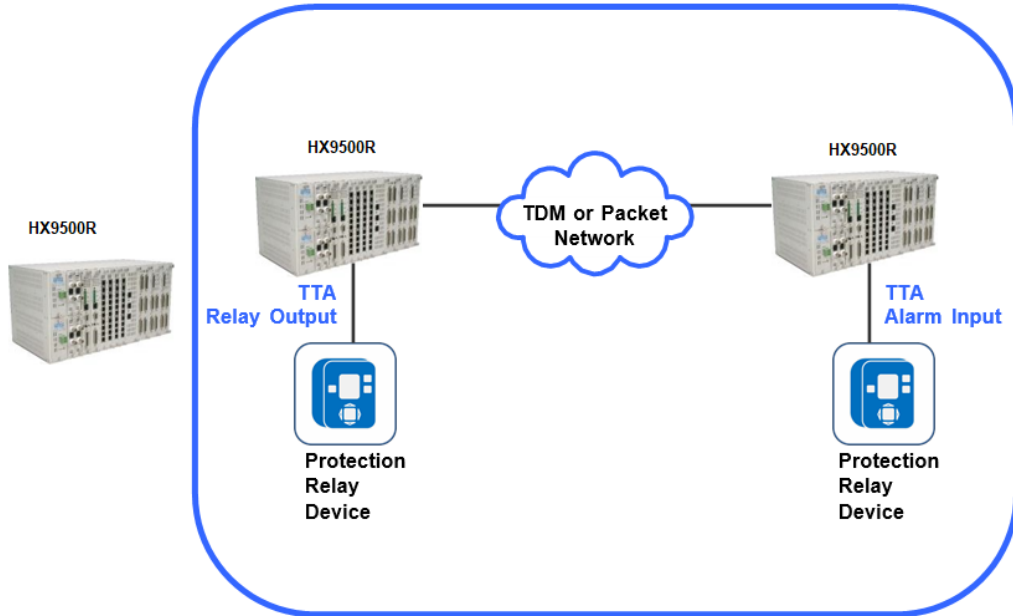
- Dual slot plug-in module for HX9500R
- Four ports for DTT input and output using bi-directional DSO
- Supports point-to-point and point-to-multipoint architectures
- For point-to-point architecture, each input port is associated with one DSO in a communication link to a remote output port
- For point-to-multipoint architecture, each input port is associated with N X DSO's, where N = 2 or 3, in a communication link to N remote output ports
- Capable of measuring and recording round-trip delay.
- Dependency: 30000 cycle test without command loss.
- Availability: greater than 99.997% up-time.
- Multiplexing up to 4 input signals over one 64K channel
- Can be used for other on/off-type command protection relay schemes such as Permissive, and Blocking.



Ordering Information

| Model | Description |
|-------------|---|
| HX9500R-TTA | Dual slot transfer trip plug-in module for HX9500R. Four ports for DTT input and output. Complied with 48Vdc/125Vdc input range voltage. Use 2 slots in the chassis |

Application



Transfer Trip Card Specifications

Input

Number of channels 4-channel : 4 pairs per card
 Input Connector Screw type
 Voltage Range 48/125V type

Output

Number of Channels 4-Channel: 4 pairs per card
 Output Connector Screw type
 Max Current 30A (200ms per C37.90)
 Max Voltage 280 Vdc
 Operation time 3ms

Alarm Relay

Maximum continuous current 1A (inductive)
 Maximum breaking current 1A (resistive)
 Maximum open circuit voltage 280 Vdc
 Maximum operation time 15ms

Environmental

Operating temperature -20 °C to +65 °C
 Humidity 5 - 95% non-condensing

Isolation

ANSI ANSI C37.90.1 SWC

EMI/RFI

ANSI ANSI C37.90.2