



# QX3440-TTA Interface Cards

## TRANSFER TRIP CARD FOR QX3440

### Description

The Transfer Trip Card is designed for the QX3440 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.



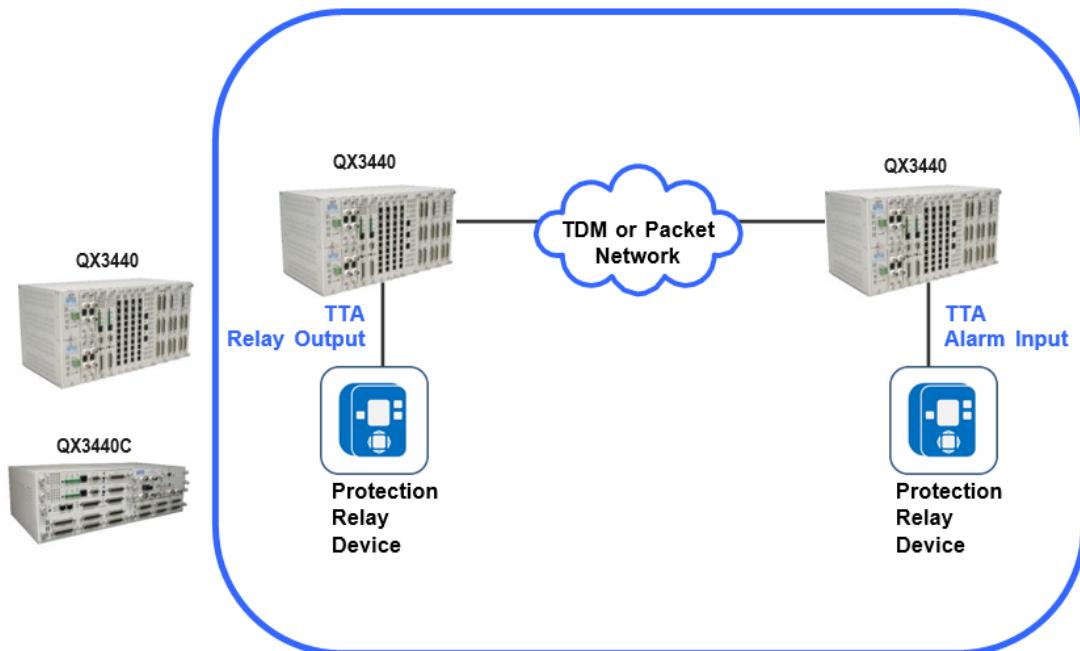
### Features

- Dual slot plug-in module for QX3440
- 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
QX3440-TTA	Dual slot transfer trip plug-in module for QX3440. 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
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### EMI/RFI

ANSI	ANSI C37.90.2
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