



The SAS Relay Interface



SAS-RI-Shelf

Key Features:

- Up to 10 Relays with High Intensity LED Indicators (Zone Presence) on front panel
- 22 position card edge or “pluggable” terminal interface (10 relays plus power)
- Shock NEMA TS2, Vibration NEMA TS2
- Operating Temperature -20 C to 75 C
- DC Powered (7.5 to 24 VDC)
- Type 170/TS1 version Dimensions 4 1/2” x 7 1/2” x 1 1/16”. The footprint for the shelf mount is 5 1/2” x 1 1/2” x 5 9/16” with a Rugged, “Pluggable” Terminal Block Connector

SAS-RI-170

for Type 170 Or TS1 Card Files

The SAS Relay Interface (SAS-RI) connects to the SAS Cabinet Termination (SAS-CT) using an RJ-45 to RJ-45 serial cable (RS-232). The function of the SAS-RI is to acquire the bit-serial relay message stream from the SAS-1 and convert the bit-serial relay signals to physical opto-coupled relay signals. High intensity LED's indicate true presence in the zone. These signals are open collector vehicle presence signals and are brought out on individual conductors or on a card edge connector. A jumper routing matrix allows any of the presence indicator 10 relays to be place to any of the 4 card-edge relay contacts. Routing of additional relays is via ribbon cable to optional daughter cards (SAS-RI-DAU) in adjacent slots. Dual RJ-45 ports provide sensor connection and PC setup.

