ASCO 5150 Connectivity Module

Monitoring Made Simple

The ASCO 5150 Connectivity Module is the simplest, easiest and most economical product ASCO offers for transmitting data from ASCO 7000, 4000, and 300 Series Automatic Transfer Switches and ASCO 5200 Series Meters. The module features an embedded webpage and simple network monitoring protocol support for monitoring the ATS. The 5150 Connectivity Module also allows ASCO 7000 and 4000 Series ATS’s to transmit via Modbus over an Ethernet connection.

Very simply, this allows the building manager or maintenance supervisor to monitor the status of the networked devices on any computer which has the capability of connecting to an Ethernet network. No special software or programming is required at the computer. Each device being monitored just needs an ASCO 5150 Connectivity Module connected to it. The Connectivity Module is designed to connect to standard Ethernet TCP/IP network with standard 10/100 baseT (RJ-45). Typing the IP address into a web browser can then access the device.

The connectivity module is designed to support up to eight clients simultaneously. When the Connectivity Module is used in conjunction with ASCO’s 5700 Series Critical Power Management Systems or 5300 Series Annunciators, the user is capable of controlling an ATS over Ethernet with ASCO secure proprietary protocols and 128 bit AES encryption.

Typical Transfer Switch and Power Manager Monitoring Application

Bypass/Isolation Transfer Switch

INTERNET ACCESS

HTTP

TTL

Ethernet

ASCO®
Typical ATS screen provides detailed information on each switch

- One line diagram showing transfer switch and load status
- Voltage and frequency of both power sources
- Time Delay Settings
- Voltage and frequency pickup and Dropout settings
- Switch name tags and installation locations
- Event log details, including date and time stamp
- Engine start signal annunciation

ATS with Power Manager screen provides additional detailed information

- Phase voltage and current readings
- Average and voltage unbalance
- KW, KVAR, KVA, and Power Factor data
- Name assignment and status of eight digital inputs and for relay outputs
- CT and PT ratios

Features
Small, Compact Design Din Rail
Mounting Compatibility with all ASCO communication products LED indicators for:
- Ethernet Status
- Diagnostic Analysis
- Network Link
- Transmit & Receive Status

Specifications
Communication Ports:
- RJ-45 10/100BaseT
- 1 RS-485 (2 or 4 Wire)
- 2 TTL ports

Power Source:
- Group 5 or Group 1 Controller
- Power Manager or Power Meter

Remote Power:
24VDC nominal

Operating Temperature:
32-140°F (0-60°C)

Size:
2 ¾ in W, 3 ½ in H, 3 in D
(7 cm W, 8.9 cm, 7.62 cm D)

Ordering Information
Transfer Switch Option:
Accessory 72E

Stand Alone Device:
Catalog No.: 5150

Field Modification Kits:
- Series 300/4000/7000 - K889950
- Series 4000/7000 with Power Meter or Power Manager – K889950-001
- Series 940/962 - K889953
- Series 940/962 with Power Meter or Power Manager – K889953-001
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