
NETWORK SWITCH MODULE

DATA FLOW SYSTEMS IS PROUD TO INTRODUCE A REVOLUTIONARY APPROACH TO THE SCADA SERVER – A SELF-CONTAINED, MODULARIZED, SCADA SERVER PACKAGED IN A PROTECTIVE WALL-MOUNTED ENCLOSURE.

The Network Switch Module (NSM) is designed as a generic 5-port network switch for use with TAC II telemetry systems. The NSM features a 5-port 10/100 Fast Ethernet UTP switch that can be used to connect the telemetry network and the client network in an in-plant monitor and control configuration.



FEATURES AT A GLANCE

- 5-port 10/100 Fast Ethernet UTP switch
- Monitors RTU power and DC bias
- Battery back up during power failure
- LEDs on power, transmit data, network link, CPU failure, and test
- No on-board adjustments, switches or straps (self configuring)
- Card retainer interlock that is bypassable and shareable

SPECIFICATIONS

Model	NSM001
Board Size	5.25" X 6.88"
Circuit Protection	Transorb
Supply Voltage	12-14 VDC
Supply Current	790 mA
Network Interface	10Base-T
Network Protocol	TCP/IP (UDP Datagram)

TYPICAL APPLICATIONS

HSS (Hyper SCADA Server) Network Connectivity – The Network Switch Module can be inserted in one of the HSS' module slots to provide a connection from the Hyper Server Module (HSM) to the client network and the telemetry system's RTUs and/or CTU.

WARRANTY

This product carries a one (1) year return-to-factory warranty against defects in material and workmanship. When installed with factory recommended surge protection, the return-to-factory warranty is extended to three (3) years and is also covered against damage due to lightning and surge. DFS will repair or replace at its option, F.O.B. Melbourne, Florida, any part or parts of this product during the warranty period. A Return Authorization (RA) must be obtained by contacting the DFS Factory Repair Center at 321-259-5009 or by email at rma@dataflowsys.com.