

PAS High-Speed Implement BUS 1000Base-T1 Gb Ethernet Switch

Part Number PAS88160007

Three Machine Interfaces

Primary Connector

- TE-Ampseal-16, 4 POS: 776487-1
- (6) 100/1000BASE-T1 Ports with Link Partnership Negotiation
- Header 2-Pin PCB Connector: 9-2370706-1
 - Mating Shell (Rev A Key): 9-2367337-1
- (1) 1000BASE-T1 Port with Active Link Partnership
- Header 2-Pin PCB Connector: 9-2370706-1
 - Mating Shell (Rev C Key): 9-2367337-3
- (2) 10/100BASE-TX Ports:
- Molex-HS AutolinkII: 34858-0106

Electrical / Software

Supports 12V/24V

Auto-negotiation for Ethernet at 100Mbps or 1Gbps

- Auto-negotiation is still being defined

Diagnostics - requirements are still being defined

Meets AEF HS-ISOBUS requirements

Mechanical

IP67 Enclosure (with mated connectors)

Environmental

Operating Temperature: -40°C to +85°C

Meets AEF HS-ISOBUS requirements

Programming and Application Development supported by DISTek Integration

Bootloader

- Reprogrammable using UDS protocol
- Basic 100/1000 switch behavior
- Initializes all Ethernet ports

Programming Tool

- vFlash

Application Options

- Diagnostics via UDS protocol
- Configurable via UDS protocol
- MACsec Authenticator role settings available
- IEEE 802.1 settings available
- SOME/IP, ISN

Supported Transfer Protocols

- RTSP/TCP IP/UDP





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