



PAS HSI

Gb Ethernet Switches



Option 1: NEW PN PAS88160007

Three Machine Interfaces

- Primary Connector
TE-Ampseal-16, 4 POS | 776487-1
- (7) 100/1000BASE-T1 Ports:
TE Duplo 2-pin | 9-2370706-1
 - 6 ports Key A;
 - 1 port Key C used for 40 M Implement
- (2) 10/100BASE-T1 Ports:
Molex-HS AutolinkII | 3485-006

Electrical / Software

- 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



Option 2: PN PAS88140183

Three Machine Interfaces

- Primary Connector:
TE-Ampseal-16, 4 POS | 776487-1
- (7) Molex HSA2 Connectors
- (2) Molex sealed Mini50 Connectors
- All connectors are sealed only in the mated condition
 - Sealing caps available for unused connectors

Electrical / Software

- Design based on Marvel 88Q6113 Ethernet Switch
 - 10M/100M/1G BASE-T PHY Marvell 88EA1512
 - 100/1000 BASE-T1 PHY Marvell 88Q2112

Mechanical

- IP67 Enclosure (with mated connectors)

Environmental

- Operating Temperature: -40°C to +50°C
- Supports 12V/24V/56V battery systems

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