World's first IP67 switch with built-in Power over Ethernet support

Hirschmann Automation and Control has added three new IP67 switches of the OCTOPUS series to its product portfolio. OCTOPUS switch products are compatible with Modbus TCP as well as PROFINET, and EtherNet/IP. These switches which have eight or 16 twisted pair ports (100 BASE TX) or 14 twisted pair and two fiber optic uplink ports (100 BASE FX) can transmit both data and current (max. 12.95 W per remote terminal) via one and the same cable.

Fast redundancy processes and various security mechanisms are also supported besides in addition to extensive management functions. The switches and all connected remote terminals can also be supplied with any input voltage from 24 V to 110 V DC via two separate IP67 voltage converters. This allows remote terminals on the field level of data networks or in other applications – for example the OCTOPUS switches comply with the European EN 50155 standard for railway vehicles – to be supplied with power under harsh ambient conditions via Power over Ethernet.

OCTOPUS switch product features

- 48 V PoE voltage supply from any 24 V – 110 VDC source
- Supports up to 8 standard PoE devices (15.4 W)
- M12 endspan inline switch solution with power management and SNMP functionality
- Reliable contact, temperature and moisture resistant
- Approvals: EN 50155, E1, GL etc.
- Phantom power

Power supply product features

- IP67 protection (encapsulated enclosure)
- Input voltage: 16.8 V – 64 V DC or 50.4 V – 154 V DC
- Output voltage: 48 V PoE 150 W
- Approvals:
  – cUL 508
  – Germanischer Loyd (GL)
  – EN 50155
  – E1
  – CE, FCC

For more information:
http://www.hirschmann-unlimited.com/English/Innovation/IP67-PoE/index.phtml

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