

OCTOPUS IP67/IP54 Industrial Ethernet Switches



The OCTOPUS family of switches meets all relevant industry standards and provide the most robust switches in the market. With Power over Ethernet, Professional firmware standard on most models and Gigabit connectivity for where a higher bandwidth connection is required.

All products in the OCTOPUS family can be mounted on the wall or directly on the machine. The IP67 variants offer 8/16/24 Twisted Pair ports (each with up to 8 PoE ports), using standardized 4-pin M12 D-code technology. As the switches are freely cascadable, it is simple to build decentralized structured networks with the shortest possible patch cables to the end devices. The OS20 and OS30 switches utilize IP67 fiber connections per the IEC 61076-3-106 standard – variant 1 is approved by ODVA for use with EtherNet/IP, variant 4 is approved for use with PROFINET.

Standard features include: totally enclosed IP67 design, standardized 4-pin M12 D-code IP67 Ethernet connector, OCTOPUS M is the industry's first managed IP67 switch, management via SNMP v1, v2, v3, web GUI or Telnet, redundancy via HIPER-Ring, MRP and Rapid Spanning Tree, redundant power supply for high availability, operating temperatures as low as -40°C to +70°C, and external signaling of alarms via signal contact or network messaging.





| OCTOPUS Fast Ethernet Unmanaged Waterproof IP67/IP54 Switches | | | | | |
|---|-------------------------------|-------------|---|--|--|
| Product | Part No. | Order No. | Ports/Features | | |
| | OCTOPUS 5TX EEC | 943 892-001 | 5 x 10/100 Mbit/s M12-coding, Unmanaged | | |
| A Tann | OCTOPUS 0S20-001000T5T5TAFUHB | 942 025-001 | 10 x 10/100 BASE-TX, M12 D coding, 4-pole | | |
| | OCTOPUS 0S20-001000T5T5TNEUHB | 942 025-004 | 10 x 10/100 BASE-TX, M12 D coding, 4-pole (110 V version) | | |

| OCTOPUS PoE Fast Ethernet Unmanaged Waterproof IP67/IP54 Switches | | | | | |
|--|-------------------------------|-------------|--|--|--|
| Product | Part No. | Order No. | Ports/Features | | |
| THE THE PARTY OF T | OCTOPUS 0S24-081000T5T5TFFUHB | 942 025-003 | 8 x 10/100 Base-TX PoE (Phantom Power) and 2 x 10/100 Base-TX (24 V version) | | |
| | OCTOPUS 0S24-081000T5T5TNEUHB | 942 025-004 | 8 x 10/100 Base-TX PoE (Phantom Power) and 2 x 10/100 Base-TX (110 V version) | | |

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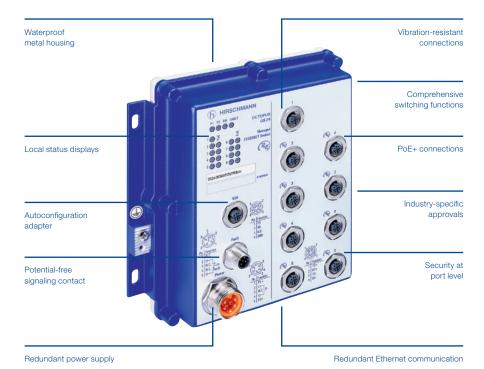


OCTOPUS IP67/IP54 System Accessories

| OCTOPUS IP67/IP54 Connectivity Solutions | | | | |
|--|-------------|--|--|--|
| Part No. | Order No. | Description | | |
| EF12RJ45 OCTOPUS | 934 498-001 | Bulkhead M12 to RJ45 | | |
| ACA21-M12 EEC | 943 913-002 | ACA 21 auto configuration adapter for OCTOPUS managed switches | | |
| OCTOPUS Terminal Cable | 943 902-001 | M12 4-pin to Sub-D 9-pin terminal cable | | |
| EM12S 001L0200 0CT0PUS | 934 578-001 | 2 m Fast Ethernet patch cord 2 x M12 D-code | | |
| EM12S 001L0500 0CT0PUS | 934 578-002 | 5 m Fast Ethernet patch cord 2 x M12 D-code | | |
| EM12S 001L1000 OCTOPUS | 934 578-003 | 10 m Fast Ethernet patch cord 2 x M12 D-code | | |
| EM12G 001L0100 OCTOPUS | 942 081-001 | 1 m Gigabit Ethernet patch cord 2 x M12 X-code | | |
| EM12G 001L0200 0CT0PUS | 942 081-002 | 2 m Gigabit Ethernet patch cord 2 x M12 X-code | | |
| EM12G 001L0500 0CTOPUS | 942 081-003 | 5 m Gigabit Ethernet patch cord 2 x M12 X-code | | |
| EM12S OCTOPUS | 934 445-001 | Field attachable FE M12 connector D-code | | |
| EM12G OCTOPUS | 942 083-001 | Field attachable GE M12 connector X-code | | |

| Railway Approved Ethernet Da | Order No. | Description | | | |
|-------------------------------------|-------------|---|--|--|--|
| Ethernet Rail Transit Cable BE43769 | 5.00.00 | 500 m Railway Approved Ethernet Data Cable 100 Mbit/s, Cat 5e, AWG 22/19 Stranded | | | |
| Ethernet Rail Gigabit Cable BE43800 | 942 075-500 | 500 m Railway Approved Ethernet Data Cable 1000 Mbit/s, Cat 5e, AWG 26/19 Stranded | | | |





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