



Main

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| Range of product | Modicon |
| Product or component type | Ethernet TCP/IP managed switch |
| Concept | Transparent Ready |
| Communication port protocol | Ethernet TCP/IP SSH HTTP HTTPS SNMP RS232 SFTP SCP LLDP Telnet SNTP MRP (Media Redundancy Protocol) |
| Port Ethernet | 100BASE-FX - 2 port(s) fiber optic 10/100BASE-TX - 4 port(s) copper cable |
| Maximum number of switches in cascade | Unlimited |
| Cybersecurity | Port hardening IP-based port security MAC-based port security Port-based access control Role-based access control RADIUS assignment HTTPS DoS prevention VLAN-based ACL Audit trail SNMP logging Pre-login banner |

Complementary

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| Integrated connection type | Duplex SC fiber optic Shielded RJ45 copper cable |
| Transmission support medium | Multimode optical fiber for fiber optic Twisted shielded pairs cable CAT 5E for copper cable |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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| Maximum cable distance between devices | 100 m copper cable |
| Optic fiber length | 4 km 62.5/125 µm 5 km 50/125 µm |
| Attenuation | 0...11 dB (62.2/125 µm) 0...8 dB (50/125 µm) |
| Ethernet service | Configuration via web server VLAN Multicast filtering Data stream control IGMP Snooping SNMP-Traps and SYSLOG |
| Communication service | TFTP Quality of Service (QoS) Port monitoring Port mirroring Address conflict detection |
| Diagnostics run time | Signal contact Self test MAC notification |
| Maximum number of switches in a ring | 50 |
| Redundancy | HiPER ring RSTP Link aggregation Link backup Redundant network coupling |
| [Us] rated supply voltage | 12...24 V |
| Supply voltage limits | 9.6...32 V DC SELV |
| Power consumption in W | 7 W |
| Electrical connection | Removable connector 6 ways power supply |
| Mounting support | 35 mm symmetrical DIN rail |
| Marking | CE CULus RCM |
| Function available | Security status Alarms (Traps) System information Report |
| Local signalling | 1 dual colour LED (green/yellow) for P1 P2 power supplies 1 dual colour LED (green/red) for device status 1 dual colour LED (green/yellow) for memory key status 1 dual colour LED (green/yellow) for channel diagnostic |
| Alarm output | 1 voltfree contact 1 A |
| Alarm function | Power supply fault Data link status Switch fault High temperature Redundancy ring fault Incorrect configuration External memory removed |
| Ethernet cabling system | TF switches |
| MTBF reliability | 2603511.0 H |
| Width | 57 mm |
| Height | 138 mm |
| Depth | 111 mm |
| Net weight | 0.42 kg |

Environment

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| Ambient air temperature for operation | 0...60 °C |
| Relative humidity | 1...95 % non-condensing |
| IP degree of protection | IP30 |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility |

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| Standards | UL 61010 EN/IEC 61131 EN/IEC 62368-1 |
| Product certifications | CE UL RCM |

Offer Sustainability

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| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Dimensions

