



### Main

|                                       |                                                                                                                                                                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range of Product                      | Modicon                                                                                                                                                                                                                                            |
| Product or Component Type             | Ethernet TCP/IP managed switch                                                                                                                                                                                                                     |
| Concept                               | Transparent Ready                                                                                                                                                                                                                                  |
| Communication Port Protocol           | Ethernet TCP/IP<br>SSH<br>HTTP<br>HTTPS<br>SNMP<br>RS232<br>SFTP<br>SCP<br>LLDP<br>Telnet<br>SNTP<br>MRP (Media Redundancy Protocol)                                                                                                               |
| Port Ethernet                         | 10/100BASE-TX - 8 copper cable<br>10/100/1000 BASE-TX - 4 copper (Gbit)                                                                                                                                                                            |
| Maximum number of switches in cascade | Unlimited                                                                                                                                                                                                                                          |
| Cybersecurity                         | Port hardening<br>IP-based port security<br>MAC-based port security<br>Port-based access control<br>Role-based access control<br>RADIUS assignment<br>HTTPS<br>DoS prevention<br>VLAN-based ACL<br>Audit trail<br>SNMP logging<br>Pre-login banner |

### Complementary

|                                        |                                                                                                                              |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Integrated connection type             | Shielded RJ45 copper cable                                                                                                   |
| Transmission support medium            | Twisted shielded pairs cable CAT 5E copper cable                                                                             |
| Maximum cable distance between devices | 328.08 ft (100 m) copper cable                                                                                               |
| Ethernet service                       | Configuration via web server<br>VLAN<br>Multicast filtering<br>Data stream control<br>IGMP Snooping<br>SNMP-Traps and SYSLOG |
| Communication service                  | TFTP<br>Quality of Service (QoS)<br>Port monitoring<br>Port mirroring<br>Address conflict detection                          |
| Diagnostics run time                   | Signal contact<br>Self test<br>MAC notification                                                                              |
| Maximum number of switches in a ring   | 50                                                                                                                           |
| Redundancy                             | HiPER ring<br>RSTP<br>Link aggregation<br>Link backup<br>Redundant network coupling                                          |
| [Us] rated supply voltage              | 12...24 V                                                                                                                    |

|                         |                                                                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supply voltage limits   | 9.6...32 V DC SELV                                                                                                                                                                                                                |
| Power consumption in W  | 9 W                                                                                                                                                                                                                               |
| Electrical connection   | Removable connector 6 ways power supply                                                                                                                                                                                           |
| Mounting Support        | 35 mm symmetrical DIN rail                                                                                                                                                                                                        |
| Marking                 | CE<br>CULus<br>RCM                                                                                                                                                                                                                |
| Function Available      | Security status<br>Alarms (Traps)<br>System information<br>Report                                                                                                                                                                 |
| Local signalling        | For P1 P2 power supplies 1 dual colour LED (green/yellow)<br>For device status 1 dual colour LED (green/red)<br>For memory key status 1 dual colour LED (green/yellow)<br>For channel diagnostic 1 dual colour LED (green/yellow) |
| Alarm output            | 1 voltfree contact 1 A                                                                                                                                                                                                            |
| Alarm function          | Power supply fault<br>Data link status<br>Switch fault<br>High temperature<br>Redundancy ring fault<br>Incorrect configuration<br>External memory removed                                                                         |
| Ethernet cabling system | TF switches                                                                                                                                                                                                                       |
| Width                   | 2.87 in (73 mm)                                                                                                                                                                                                                   |
| Height                  | 5.43 in (138 mm)                                                                                                                                                                                                                  |
| Depth                   | 4.37 in (111 mm)                                                                                                                                                                                                                  |
| Net Weight              | 1.10 lb(US) (0.50 kg)                                                                                                                                                                                                             |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Ambient Air Temperature for Operation | 32...140 °F (0...60 °C)                                                          |
| Relative Humidity                     | 1...95 % non-condensing                                                          |
| IP Degree of Protection               | IP30                                                                             |
| Directives                            | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |
| Standards                             | UL 61010<br>EN/IEC 61131<br>EN/IEC 62368-1                                       |
| Product certifications                | CE<br>UL<br>RCM<br>DNV-GL                                                        |

## Ordering and shipping details

|                       |                              |
|-----------------------|------------------------------|
| Category              | 18121-MODICON MANAGED SWITCH |
| Discount Schedule     | PC11                         |
| GTIN                  | 3606481463432                |
| Nbr. of units in pkg. | 1                            |
| Package weight(Lbs)   | 33.51 oz (950.0 g)           |
| Returnability         | No                           |
| Country of origin     | DE                           |

## Packing Units

|                              |                       |
|------------------------------|-----------------------|
| Unit Type of Package 1       | PCE                   |
| Package 1 Height             | 5.04 in (12.8 cm)     |
| Package 1 width              | 6.42 in (16.3 cm)     |
| Package 1 Length             | 9.17 in (23.3 cm)     |
| Unit Type of Package 2       | S03                   |
| Number of Units in Package 2 | 4                     |
| Package 2 Weight             | 9.37 lb(US) (4.25 kg) |
| Package 2 Height             | 11.81 in (30 cm)      |

|                  |                  |
|------------------|------------------|
| Package 2 width  | 11.81 in (30 cm) |
| Package 2 Length | 15.75 in (40 cm) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| REACH free of SVHC         | Yes                                                                                                                                                                                                                                                                                         |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>                                                                                                                                                                                              |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | <a href="#">End Of Life Information</a>                                                                                                                                                                                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.                                                                                                                                                                |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions

