

# Operator unit CDSA-D3-RV

Part number: 8126915

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                      | Value  |
|--|--|
| Number of function keys                      | 20   |
| Number of system LEDs                        | 5  |
| Display                                      | LCD display<br>With backlighting   |
| Display characteristics                      | Touchscreen  |
| Display size                                 | 7"   |
| Operator controls                            | Touch sensitive keyboard<br>Enable control unit<br>Emergency stop button                 |
| Input current                                | $\leq 5.6$ A   |
| Operational voltage range DC                 | 19.2 V ... 30 V  |
| Display resolution                           | WSVGA, 600x1024 pixels   |
| Approval                                     | CCC<br>RCM trademark<br>c UL us listed (OL)  |
| KC mark                                      | KC-EMV   |
| CE mark (see declaration of conformity)      | To EU EMC Directive<br>To EC Machinery Directive<br>In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK regulations for machines<br>To UK RoHS instructions  |
| Certificate issuing authority                | UL E239998   |
| LABS (PWIS) conformity                       | VDMA24364 zone III   |
| Storage temperature                          | -20 °C ... 70 °C   |
| Relative air humidity                        | 5 - 95%  |
| Degree of protection                         | IP65   |
| Note on degree of protection                 | When USB cover flap is closed<br>In assembled state                                      |
| Protection class                             | III  |
| Ambient temperature                          | 0 °C ... 40 °C   |
| Product weight                               | 950 g  |
| Electrical power consumption                 | 12 W   |
| IP address allocation                        | FCT<br>DHCP  |
| Nominal operating voltage DC                 | 24 V   |
| Power failure bridging                       | 10 ms  |
| Nominal altitude of use                      | $\leq 2000$ m NHN  |

| Feature  | Value   |
|--|---|
| Power supply, function                               | Enable control<br>Emergency stop<br>Power supply                                    |
| Power supply, connection type                        | Socket strip  |
| power supply, connection system                      | Socket strip 12 pin, 2 rows   |
| Power supply, number of pins/wires                   | 12  |
| Power supply, assigned pins/wires                    | 6   |
| USB interface, connection technology                 | USB 2.0 type A  |
| USB interface, plug pattern                          | 00995868  |
| Ethernet interface, protocol                         | TCP/IP  |
| Ethernet interface, function                         | Diagnostics<br>Network connection to PLC<br>Parameterisation                        |
| Ethernet interface, connection type                  | Socket  |
| Ethernet interface, connection system                | RJ45  |
| Ethernet interface, number of pins/wires             | 8   |
| Ethernet interface, transmission rate                | 100 Mbit/s  |
| Ethernet interface, connection pattern               | 00995789  |
| Note on materials                                    | RoHS-compliant  |
| Material housing                                     | ABS   |
| Dimensions (W x L x H)                               | 212 x 251 x 73 mm   |
| Note on permissible current load at 40°C             | 10 – 1000 mA at each contact for emergency stop<br>< 500 mA for enable control unit |
| Utilisation category                                 | DC-13, emergency stop   |
| Service life characteristic value B10D, subcomponent | 0,25 Mio SP, emergency stop<br>1 million switching cycles, enable control unit      |