**Product information
0980 ESL 710
109627**

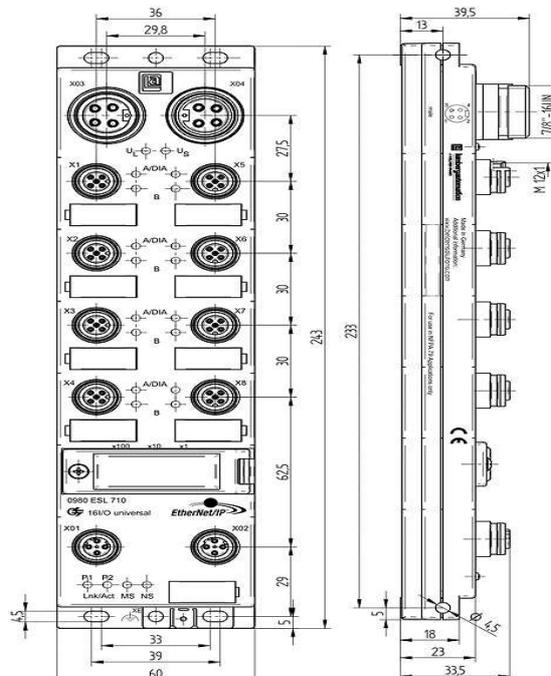| Name | 0980 ESL 710 |
|---|---|
| |  |
| | EtherNet/IP™ Device with 16 digital I/O channels, channels can be used universally as inputs or outputs, M12 socket, rotary address switches for addressing, M12 LAN-Ports, D-coded, 7/8" power supply |
| **Delivery informations** | |
| Availability | available |
| **Product description** | |
| Type | 0980 ESL 710 |
| Order No. | 109627 |
| Description | EtherNet/IP™ Device with 16 digital I/O channels, channels can be used universally as inputs or outputs, M12 socket, rotary address switches for addressing, M12 LAN-Ports, D-coded, 7/8" power supply |
| Note | The application of these products in harsh environments should always be checked before use. Specifications subject to alteration. |
| Color of housing | black |
| Product characteristics | Vibration resistence, Oil resistance |
| **Classification** | |
| Belden class | I/O Modules with Digital Inputs and Outputs (DIO) universal |
| Belden brand | Lumberg-Automation |
| **Mechanical data** | |
| Weight | 390 g |
| Dimensions (W x H x D) | 60 mm x 243 mm x 39.5 mm |
| **Environmental conditions** | |
| Environmental temperature | -10 ℃ ... 60 ℃ |
| Degree of protection (IP), mounted | IP67 |
| **Materials** | |
| Housing material / Molded body | PBT |
| **Approvals** | |
| RoHS 2002/95/EG compliant | yes |
| **Bus system** | |
| Fieldbus system | Ethernet/IP™ |
| Bus Connection | M12, D coded |
| Number of contacts | 4 |
| Transmission rate | 10/100 Mbps |
| Transmission method | 100BASE-TX |
| Address range | 0 dec. ... 255 dec. |
| Rotary address switches | 0 dec. ... 255 dec. |
| Default address | 0 dec. |
| **System power supply** | |
| Nominal voltage (System power supply) | 24 V DC |
| Voltage range DC (System power supply) | 19 V ... 30 V |
| Power consumption (System power supply) | typ. 95 mA |
| Reverse polarity protection (System power supply) | Yes |
| Operating Indication (System power supply) | LED green |
| Connection (System power supply) | 7/8", 4-pole |
| **Sensors power supply** | |
| Sensors power supply | $U_S$ |
| Voltage range (Sensor power supply) | min. ($U_{System}$ = 1.5 V) |
| Sensor current (at TU30°C) (Sensor power supply) | 200 mA per M12 female connector |

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| Short-circuit proof (Sensor power supply) | Yes |
|---|---|
| Indication (Sensor power supply) | LED green |
| **Actuator power supply** | |
| Actuator power supply | $U_L$ |
| Nominal voltage (Actuator power supply) | 24 V DC |
| Voltage range (Output power supply) | 19 V ... 30 V |
| Reverse polarity protection (Output power supply) | Yes |
| Indication (Output power supply) | LED green |
| **Inputs** | |
| Input wiring | Type 3, IEC 61131-3 |
| Number of channels (Inputs) | 16 |
| Channel type (Inputs) | N.O., p-switching |
| Nominal input voltage | 24 V DC |
| Channel status indicator (Inputs) | LED yellow per channel |
| Diagnostic indication (inputs) | LED red per socket |
| **Outputs** | |
| Signal type (Outputs) | Digital Outputs |
| Number of channels (Outputs) | 16 |
| Channel type (Outputs) | N.O., p-switching |
| Nominal output current per channel | 1.6 A |
| Short-circuit proof (Outputs) | Yes |
| Max. output current per module (Outputs) | 9 |
| Overload-proof (Outputs) | Yes |
| Channel status indicator (Outputs) | LED yellow per channel |
| Diagnostic indication (outputs) | LED red per channel |
| **Scope of delivery and accessories** | |
| Scope of delivery | Dust covers M12 - 4 pieces, Attachable labels - 10 pieces |
| **Picture** | |
| Drawing | |



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