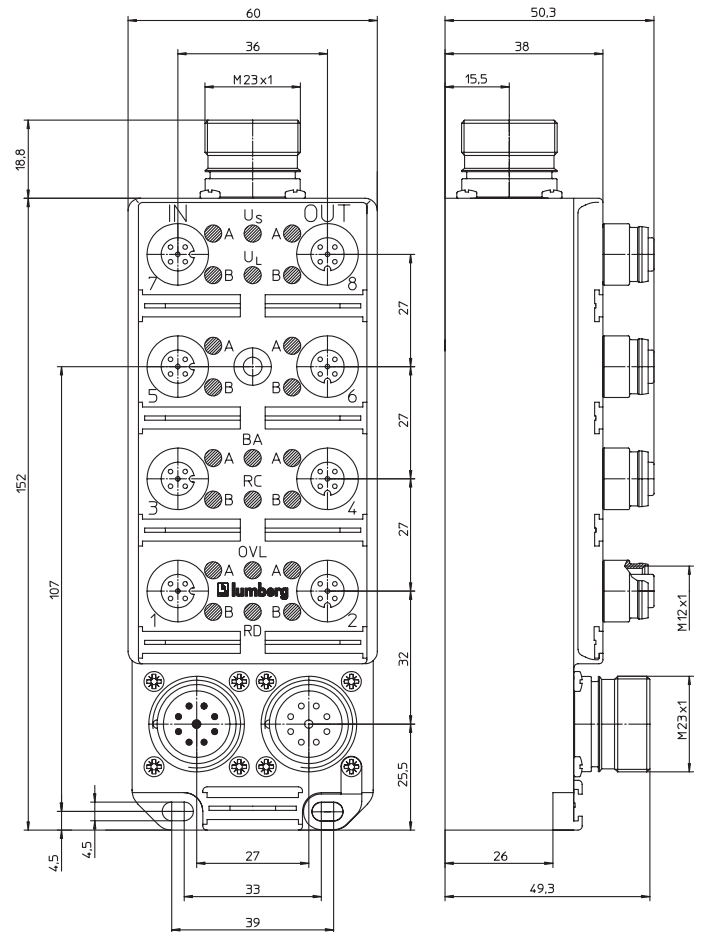


## 0950 ISL 203

8 In / 4 Out

Interbus Installation Remote Bus terminal with 8 digital inputs (PNP), 4 digital outputs (2A) and M23 bus and power connectors.

Features: Short circuit detection, protection degree IP67 / NEMA 6P, shock and vibration protected by using potting technology.



### Diagnostic indication

| LED                      | Indication | Condition                                   |
|--------------------------|------------|---------------------------------------------|
| 1,3,5,7 A/B<br>2,4,6,8 A | yellow     | channel status                              |
| 2,4,6,8                  | red        | actuator short circuit / actuator over load |
| U <sub>s</sub>           | green      | actuator supply active                      |
| U <sub>L</sub>           | green      | module electronic supply active             |
| BA                       | green      | bus active                                  |
| RC                       | green      | remote bus-in connected                     |
| RD                       | red        | continuing remote bus disconnected          |
| OVL                      | red        | sensor short circuit / sensor overload      |

### Pin Assignment

#### Bus Connection Input M23



- 1 = DO
- 2 = DO
- 3 = DI
- 4 = DI
- 5 = COM
- 6 = earth
- 7 = +24 V
- 8 = GND (0 V)
- 9 = n.c.
- housing = earth

#### Bus Connection Output M23



- 1 = DO
- 2 = DO
- 3 = DI
- 4 = DI
- 5 = COM
- 6 = earth
- 7 = +24 V
- 8 = GND (0 V)
- 9 = RBST
- housing = earth

#### Power Supply M23



- 1 = earth
- 2 = +24 V
- 3 = GND (0 V)
- 4 = n.c.
- 5 = n.c.
- 6 = n.c.

#### Input/Output M12



- 1 = +24 V
- 2 = IN B
- 3 = GND (0 V)
- 4 = IN A
- 5 = earth
- 1 = n.c.
- 2 = n.c.
- 3 = GND (0 V)
- 4 = OUT
- 5 = earth

#### Technical data

|                             |                             |
|-----------------------------|-----------------------------|
| Degree of protection        | IP 67                       |
| Operating temperature range | 0°C(+32°F) / +60°C (+140°F) |
| Weight                      | 580 g                       |
| Housing                     | PUR                         |

#### Slave profile

ID code

#### Interbus

35 dec

#### Power supply of the electronics (U<sub>i</sub>)

|                                       |            |
|---------------------------------------|------------|
| Nominal voltage                       | 24 V DC    |
| Voltage range                         | 19-30 V DC |
| Current consumption                   | max. 80 mA |
| Reverse polarity protection           | yes        |
| Operating indicator (U <sub>i</sub> ) | LED, green |

#### Power supply of the sensors (U<sub>s</sub>)

|                                      |                |
|--------------------------------------|----------------|
| Nominal voltage                      | 24 V DC        |
| Voltage range                        | 19 V - 30 V DC |
| Total current of all sensors         | max. 400 mA    |
| Short circuit protection             | yes            |
| Sensor short circuit indicator (ovL) | LED, red       |

#### Input levels

|                            |             |
|----------------------------|-------------|
| Nominal input voltage      | 24 V DC     |
| Input                      | PNP         |
| Number of digital channels | 8           |
| Channel status indicator   | LED, yellow |

#### Power supply of the actuators (U<sub>a</sub>)

|                          |                |
|--------------------------|----------------|
| Nominal voltage          | 24 V DC        |
| Voltage range            | 19 V - 30 V DC |
| Galvanic isolation       | yes            |
| Short circuit protection | yes            |
| Indication               | LED, green     |

#### Output levels

|                          |                                             |
|--------------------------|---------------------------------------------|
| Nominal output current   | max. 2 A per channel<br>max. 8 A per module |
| Number of channels       | 4                                           |
| Channel type             | PNP, N.O., short circuit proof              |
| Channel status indicator | LED, yellow                                 |

#### Part Number

0950 ISL 203



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