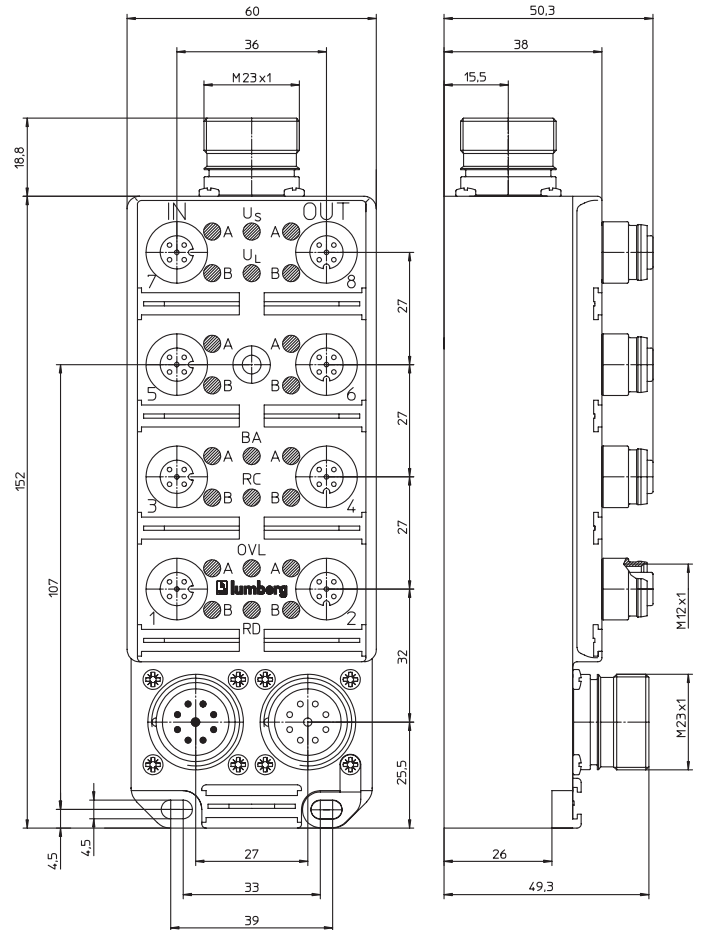


**0950 ISL 203**
**8 In / 4 Out**

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 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>e</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>e</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 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

