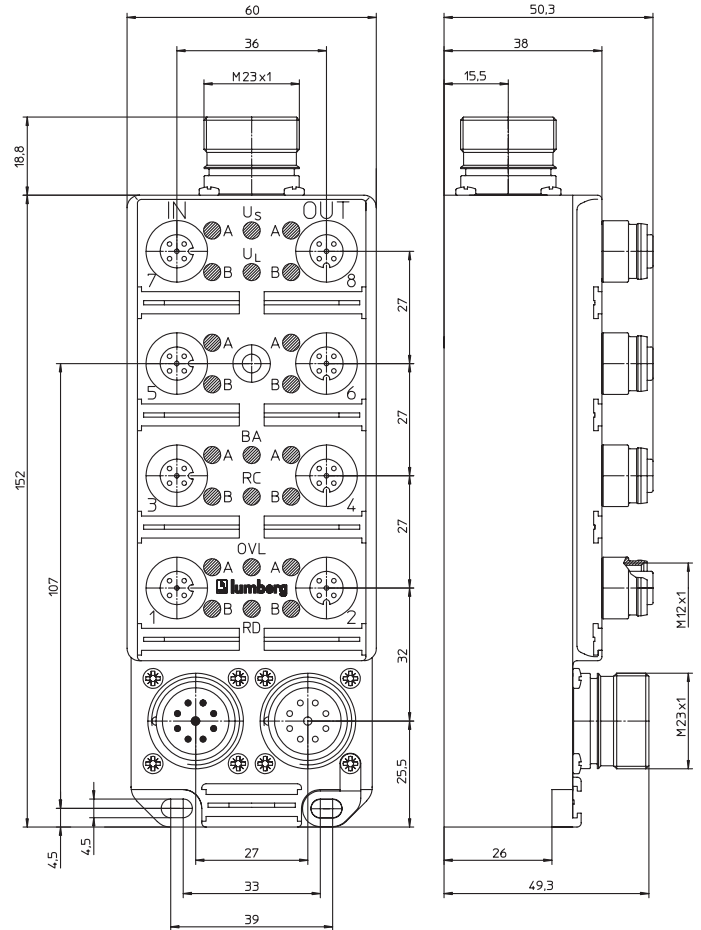


## 0950 ISL 209

8 In / 4 Out

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



<b>Technical data</b>	
Degree of protection	IP 67
Operating temperature range	0°C(+32°F) / +60°C (+140°F)
Weight	580 g
Housing	PUR
<b>Slave profile</b>	
ID code	03 dec
<b>Power supply of the electronics (U<sub>i</sub>)</b>	
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
<b>Input power supply</b>	
Voltage range	min. (U <sub>i</sub> - 1.5 V)
Total current of all sensors	max. 800 mA
Short circuit-proof	yes
<b>Inputs</b>	
Rated voltage	24 V DC
Signal state "1"	11 - 30 V
Signal state "2"	-3 - 5 V
Input circuit	PNP
Number of digital channels	8
Channel status indicator	LED, yellow per channel
<b>Output power supply (U<sub>s</sub>)</b>	
Rated voltage	24 V DC
Voltage range	19 - 30 V DC
Potential separation	present
Reverse polarity protection	yes/antiparallel diode
Indication	LED, green
<b>Outputs</b>	
<b>Type 2 A acc. to IEC 61131-2</b>	
Rated current	2 A per channel
Short-circuit proof	yes
Max. output current	8 A per module
Overload-proof	yes
Number of digital channels	4
Channel type N.O.	PNP
Channel status indicator	LED, yellow per channel
Diagnostic indication	LED, red per channel

**Part Number**

0950 ISL 209

