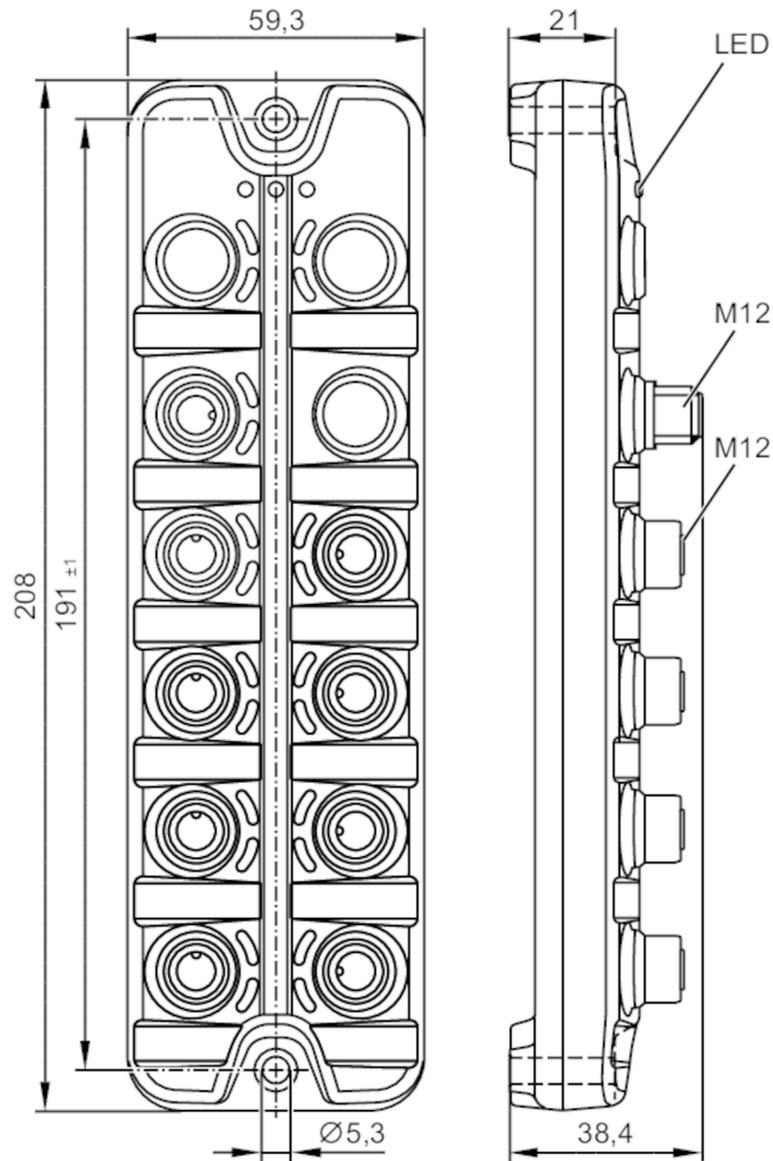


# AC5051



## Passive power distributor

Splitter Box 8SB IP67



Depending on the version some LEDs are inactive



### Application

Design	AS-i oder IO-Link Spannungsverteiler
Application	field installation

### Electrical data

Protection class	III
Overcurrent detection	yes; (4400 mA ± 200 mA)

### AS-i operation

Operating voltage	[V]	18...31.6 DC; (AS_i)
Current consumption	[mA]	4000; (AS-i)

# AC5051



## Passive power distributor

Splitter Box 8SB IP67

Additional voltage supply	[V]	15...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	4000; (AUX)

### IO-Link operation

Operating voltage	[V]	20...30 DC; (US)
Current consumption	[mA]	4000; (US)
Additional voltage supply	[V]	20...30 DC; (UA)
Max. current consumption from additional supply	[mA]	4000; (UA)

### Operating conditions

Ambient temperature	[°C]	-25...60
Storage temperature	[°C]	-25...85
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	4000
Protection		IP 65; IP 66; IP 67
Protection rating (NEMA 250)		6P
Degree of soiling		2
Chemical media	ISO 16750-5 NEMA 250 5.13.1	HLP, CC, DB, DC, DD, CA AA

### Tests / approvals

EMC	EN 62026-2 IEC 61000-6-2	
Shock resistance	DIN EN 60068-2-27	
Vibration resistance	DIN EN 60068-2-64 DIN EN 60068-2-6	

### Mechanical data

Weight	[g]	383.4
Housing		rectangular
Type of mounting		Backplane mounting
Dimensions	[mm]	208 x 59.3 x 38.4
Material		housing: PA orange; Connectors: nickel-plated brass

### Displays / operating elements

Display	Power fault	LED, green AS-i / AUX / US / UA LED, red
---------	----------------	---

### Electrical connection

Module connection	M12
-------------------	-----

### Remarks

Pack quantity	1 pcs.
---------------	--------

# AC5051



## Passive power distributor

Splitter Box 8SB IP67

### Electrical connection - Power IN

Connector: M12; coding: A; Tightening torque: 0.6...0.8 Nm



#### AS-i operation

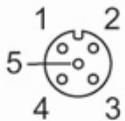
1	AS-i +
2	AUX -
3	AS-i -
4	AUX +

#### IO-Link operation

1	+ 24 V DC (US)
2	GND (UA)
3	GND (US)
4	+ 24 V DC (UA)

### Electrical connection - Power OUT

Connector: M12; coding: A; Tightening torque: 0.6...0.8 Nm



#### AS-i operation 1...8

1	AS-i +
2	AUX -
3	AS-i -
4	AUX +
5	n.c.

#### IO-Link operation 1...8

1	+ 24 V DC (US)
2	GND (UA)
3	GND (US)
4	+ 24 V DC (UA)
5	n.c.