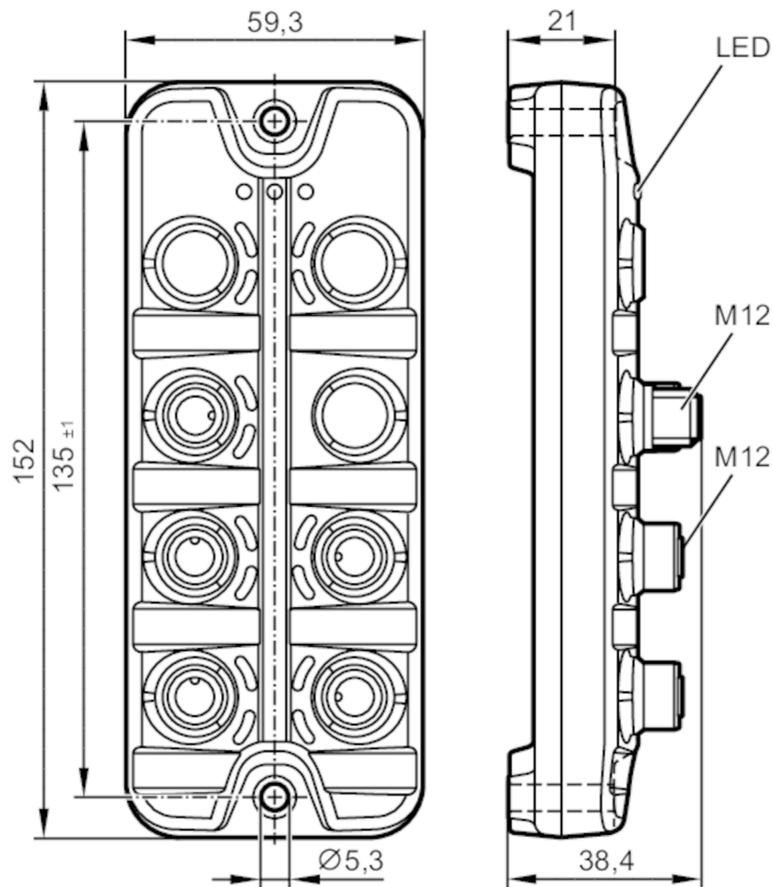


AC5050



Passive power distributor

Splitter Box 4SB 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)
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)

AC5050



Passive power distributor

Splitter Box 4SB IP67

Max. current consumption from additional supply [mA]	4000; (UA)
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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]	278.9
Housing	rectangular
Type of mounting	Backplane mounting
Dimensions [mm]	152 x 59.3 x 38.4
Material	housing: PA orange; Connectors: nickel-plated brass

Displays / operating elements

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

Electrical connection

Module connection	M12
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Remarks

Pack quantity	1 pcs.
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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 +

AC5050



Passive power distributor

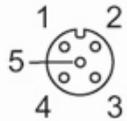
Splitter Box 4SB IP67

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...4

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

IO-Link operation 1...4

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