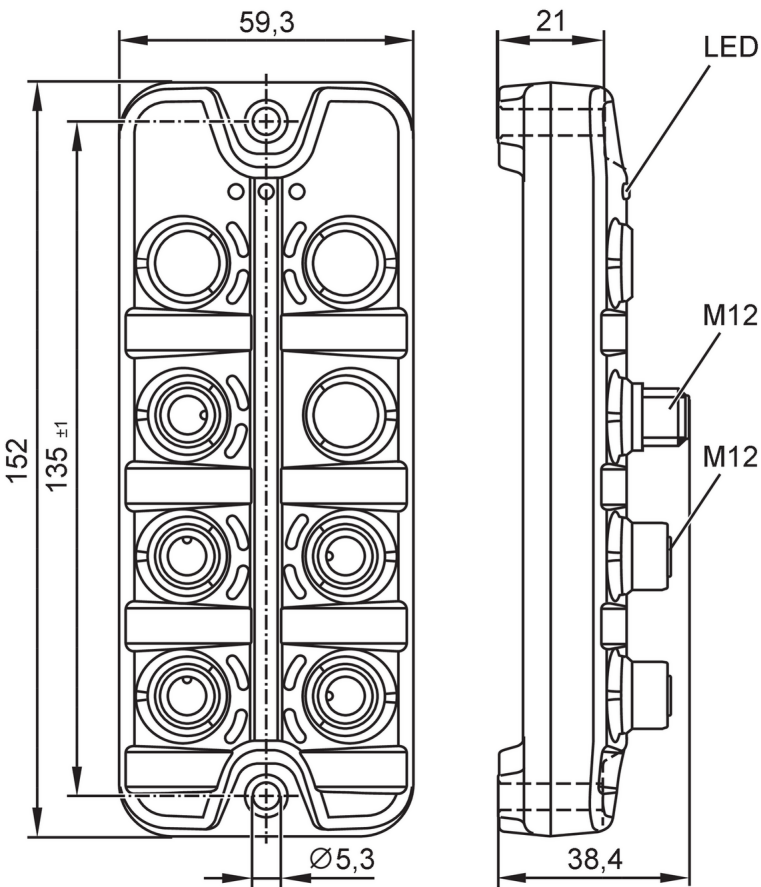


AC5050



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)
Max. current consumption from additional supply	[mA]	4000; (UA)

AC5050



Passive power distributor

Splitter Box 4SB IP67

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
Pollution degree		2
Chemical media	ISO 16750-5	HLP, CC, DB, DC, DD, CA
	NEMA 250 5.13.1	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]	249
Housing		rectangular
Type of mounting		Backplane mounting
Dimensions	[mm]	152 x 59.3 x 38.4
Material		housing: PA orange; Connectors: brass nickel-plated

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

Electrical connection		
Module connection		M12

Remarks		
Pack quantity		1 pcs.

Electrical connection - Power IN

Connector: M12; coding: A; Contacts: 4; 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)	

AC5050

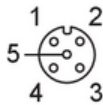


Passive power distributor

Splitter Box 4SB IP67

Electrical connection - Power OUT

Connector: M12; coding: A; Contacts: 5; 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.