

# Product data sheet

Specifications



## IP67 passive splitter box - with 8 channels M12 connector

ABE9C1280M

⚠ To be discontinued on: Jun 30, 2024

⚠ To be end-of-service on: Jun 30, 2026

⚠ To be discontinued

### Main

Range Of Product	Advantys ABE9
Product Or Component Type	IP67 passive splitter box
Number Of Channels	8
Electrical Connection	1 male plug-in connector 8 female connectors M12 5 pins
Status Led	Without

### Complementary

Number Of Ways	16 ways
[Ue] Rated Operational Voltage	24 V DC
Current Per Channel	4 A
Insulation Group	Category 3 conforming to VDE 0110
Operating Position	Any position
Fixing Mode	M4 screw fixing
Contact Resistance	5000 µOhm
Current Of Common	16 A 1 mm <sup>2</sup> 12 A 0.75 mm <sup>2</sup>
Separation Of Commons	Without or with
Net Weight	0.1 kg

### Environment

Ip Degree Of Protection	IP67 conforming to IEC 529
Product Certifications	cULus
Ambient Air Temperature For Operation	-20...80 °C
Ambient Air Temperature For Storage	-40...85 °C
Vibration Resistance	0.2 gn (f= 57...150 Hz) conforming to IEC 68-2-6, FC tests
Shock Resistance	30 gn for 11 ms conforming to EN 68-2-2

### Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.0 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 1 Width	5.7 cm
Package 1 Length	15.5 cm
Package 1 Weight	132.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	60
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	8.396 kg

## Contractual warranty

Warranty	18 months
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## Sustainability





**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

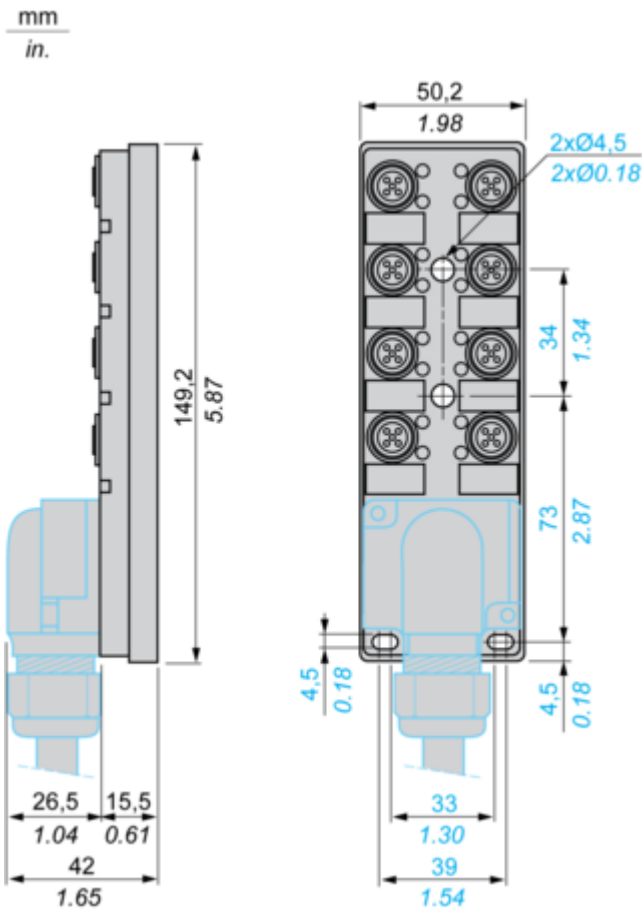
[Guide to assess a product's sustainability >](#)

## Well-being performance

 Reach Free Of Svhc	
 Toxic Heavy Metal Free	
 Mercury Free	
 Rohs Exemption Information	Yes
Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

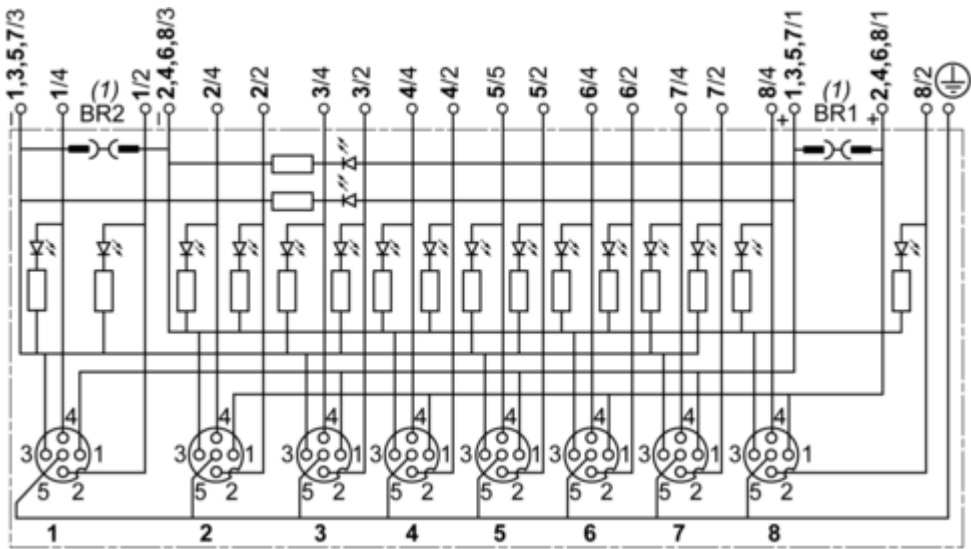
Dimensions Drawings

Dimensions with ABE9XCA18 Connector



Connections and Schema

Wiring Diagram



(1) BR1 and BR2: removable link

Item	Terminal	Wire
1/4	1	White
1/2	9	Grey/pink
2/4	2	Green
2/2	10	Red/blue
3/4	3	Yellow
3/2	11	White/green
4/4	4	Grey
4/2	12	Brown/green
5/4	5	Pink
5/2	13	White/yellow
6/4	6	Red
6/2	14	Yellow/brown
7/4	7	Black
7/2	15	White/grey
8/4	8	Violet
8/2	16	Grey/brown

Item	Terminal	Wire
1, 3, 5 & 7/1	+1	Brown 1
2, 4, 6 & 8/1	+2	Brown 2
1, 3, 5 & 7/3	-1	Blue 1
2, 4, 6 & 8/3	-2	Blue 2
1...8/5	PE	Green/yellow

Connection Terminals

