Product data sheet

Specifications

IP67 passive splitter box - with 4 channels M12 connector - Led

ABE9C1241M

⚠ **Discontinued on:** Oct 4, 2023

⚠ **To be end-of-service on:** Dec 15, 2025

⚠ **Discontinued**

Main

Range Of Product	Advantys ABE9
Product Or Component Type	IP67 passive splitter box
Number Of Channels	4
Electrical Connection	1 male plug-in connector 4 female connectors M12 5 pins
Status Led	1 LED per channel (yellow) channel status 2 LEDs (green) power ON

Complementary

Number Of Ways	8 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 mm² 12 A 0.75 mm²
Separation Of Commons	Without or with
Net Weight	0.06 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
Package 1 Width	5.7 cm
Package 1 Length	15.5 cm
Package 1 Weight	96.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	24
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	2.754 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} 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_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.
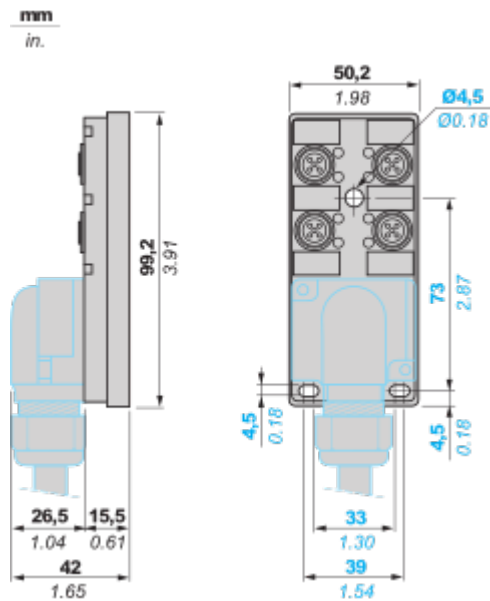
Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Well-being performance

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

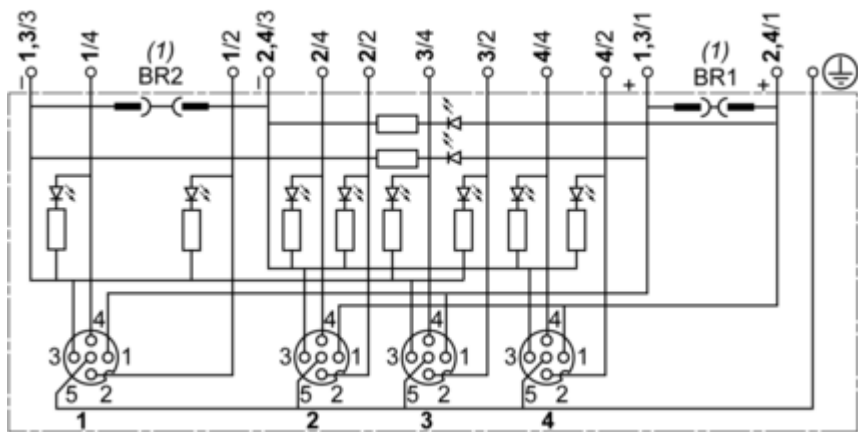|	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
California Proposition 65	WARNING: 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 www.P65Warnings.ca.gov

Dimensions Drawings

Dimensions with ABE9XCA14•• 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
1 and 3/1	+1	Brown 1
2 and 4/1	+2	Brown 2
1 and 3/3	-1	Blue 1
2 and 4/3	-2	Blue 2
1…4/5	PE	Green/yellow

Connection Terminals