

Product data sheet

Specifications



IP67 passive splitter box - cable 5 m - with 8 channels M12 connector - Led

ABE9C1281L05

⚠ To be discontinued

⚠ Discontinued on: Dec 15, 2023

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

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 168.00 USD

Main

Range of Product	Advantys ABE9
Product or Component Type	IP67 passive splitter box
Number of channels	8
Electrical connection	1 pre-wired cable connector, 16.4 ft (5 m) 8 female connectors M12 5 pins
Status LED	1 LED per channel (Yellow) channel status 2 LEDs (Green) power ON

Complementary

Number of ways	16 ways
[Ue] rated operational voltage	24 V DC
Current per channel	4 A
Insulation group	Category 3 VDE 0110
Operating position	Any position
Fixing Mode	M4 screw fixing
Contact resistance	5000 µOhm
Current of common	16 A 0.002 in² (1 mm²) 12 A 0.001 in² (0.75 mm²)
Separation of commons	Without or with
Net Weight	3.55 lb(US) (1.61 kg)

Environment

IP degree of protection	IP67 conforming to IEC 529
Product Certifications	cULus
Ambient Air Temperature for Operation	-4.0000000000...176.0000000000 °F (-20...80 °C)
Ambient Air Temperature for Storage	-40.0000000000...185.0000000000 °F (-40...85 °C)
Vibration resistance	0.2 gn 57...150 Hz)IEC 68-2-6, FC tests
Shock resistance	30 gn 11 ms EN 68-2-2

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Ordering and shipping details

Category	US1PC3218218
Discount Schedule	PC32
GTIN	3389110404616
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.268 in (8.300 cm)
Package 1 Width	10.984 in (27.900 cm)
Package 1 Length	11.339 in (28.800 cm)
Package 1 Weight	2.976 lb(US) (1.350 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	18.298 lb(US) (8.300 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-CO₂ 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 >](#)

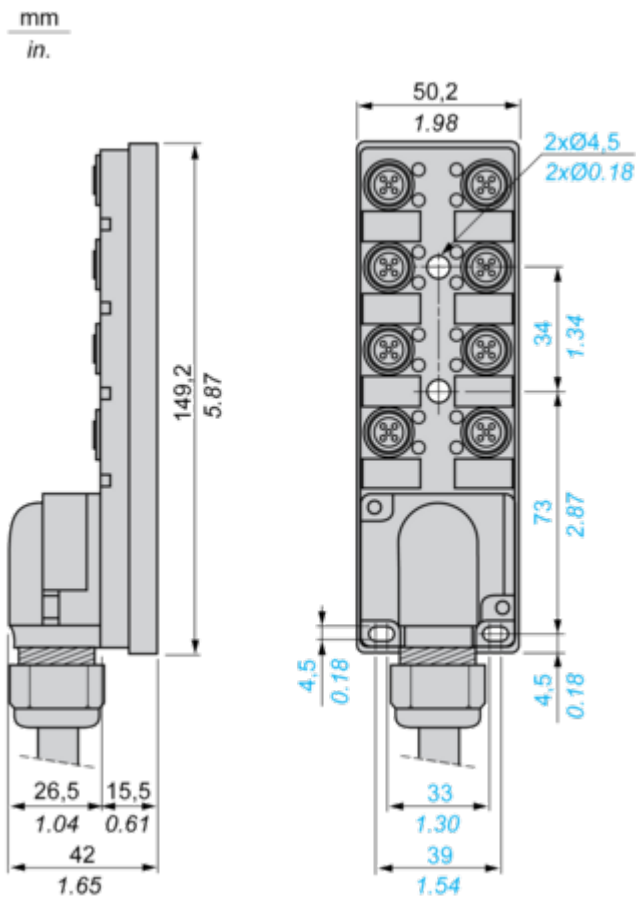
[Guide to assess a product's sustainability >](#)

Well-being performance

	Reach Free Of Svhc	
	Toxic Heavy Metal Free	
	Mercury Free	
	Rohs Exemption Information	Yes
Reach Regulation		REACH Declaration
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

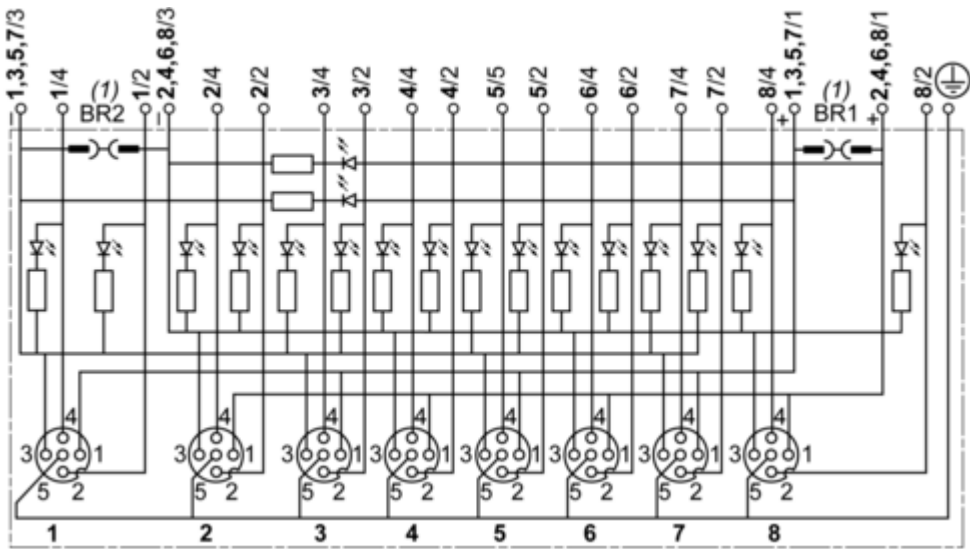
Dimensions Drawings

Dimensions



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

