

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

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 in ² (1 mm ²) 12 A 0.001 in ² (0.75 mm ²)
Separation of commons	Without or with
Product Weight	3.55 lb(US) (1.61 kg)

Environment

IP degree of protection	IP67 conforming to IEC 60529
Product Certifications	cULus
Ambient air temperature for operation	-4...176 °F (-20...80 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Vibration resistance	0.2 gn (f= 57...150 Hz) conforming to IEC 68-2-6, FC tests
Shock resistance	30 gn 11 ms IEC 68-2-2

Ordering and shipping details

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

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	3.27 in (8.300 cm)
Package 1 Width	10.98 in (27.900 cm)
Package 1 Length	11.34 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	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	18.298 lb(US) (8.300 kg)

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

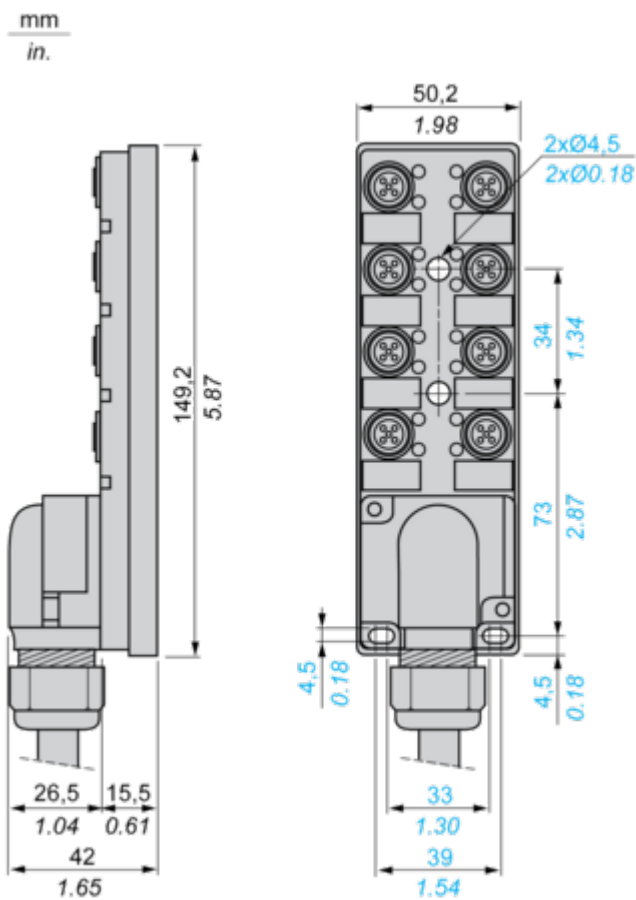
 Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

 Repack and remanufacture	
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

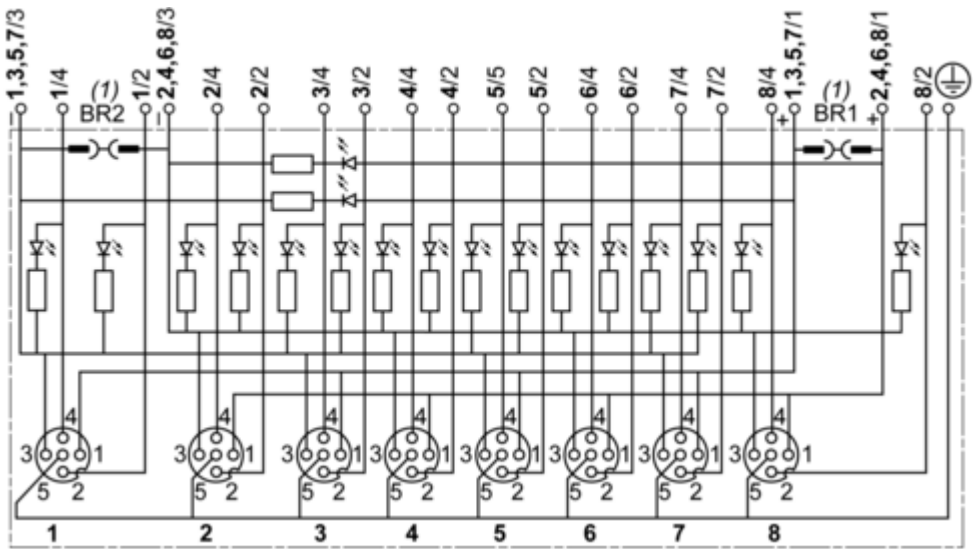
Dimensions Drawings

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

