Product data sheet

Specifications

IP67 passive splitter box - M23 connector - with 8 channels M12 connector

ABE9C1280C23

⚠ **Discontinued**

⚠ **Discontinued on:** Sep 15, 2023

⚠ **To be end-of-service on:** Dec 31, 2024

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 male connector M23 19 pins 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 VDE 0110
Operating Position	Any position
Fixing Mode	M4 screw fixing
Contact Resistance	5000 µOhm
Current Of Common	16 A 0.00 in² (1 mm²) 12 A 0.00 in² (0.75 mm²)
Separation Of Commons	Without
Net Weight	0.31 lb(US) (0.14 kg)

Environment

Ip Degree Of Protection	IP67 conforming to IEC 529
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 57…150 Hz)IEC 68-2-6, FC tests
Shock Resistance	30 gn 11 ms EN 68-2-2

Ordering and shipping details

Category	US1PC3218218

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

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Discount Schedule	PC32
Gtin	3389110404753
Returnability	Yes
Country Of Origin	ID

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.81 in (4.6 cm)
Package 1 Width	2.24 in (5.7 cm)
Package 1 Length	6.10 in (15.5 cm)
Package 1 Weight	5.93 oz (168.0 g)
Unit Type Of Package 2	S03
Number Of Units In Package 2	60
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	11.81 in (30.0 cm)
Package 2 Length	15.75 in (40.0 cm)
Package 2 Weight	23.44 lb(US) (10.632 kg)

Contractual warranty

Warranty	18 months

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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.
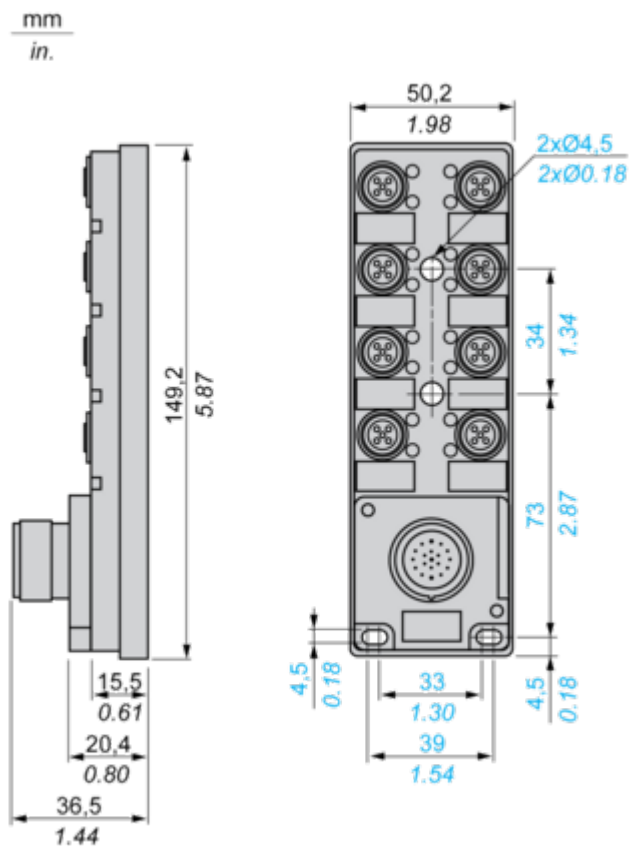
Learn more about Green Premium ⟩

Guide to assess a product's sustainability ⟩

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

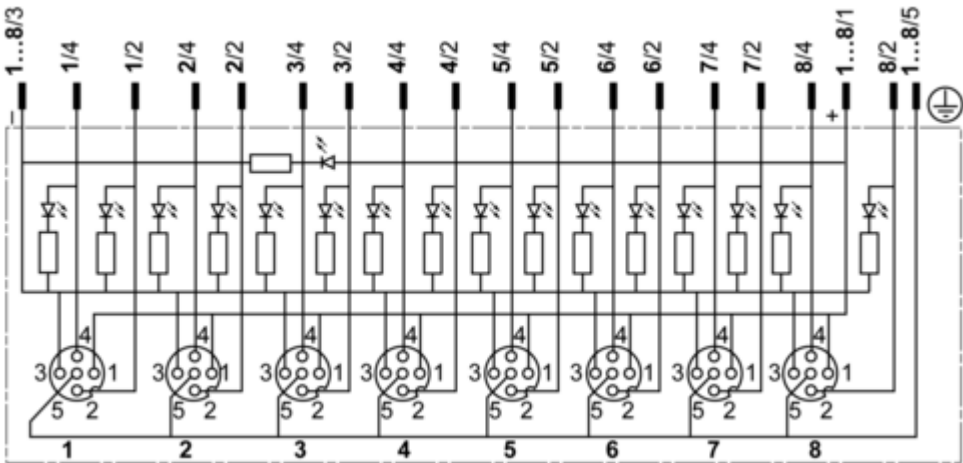|	
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
California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

mm / in.

50,2 / 1.98

2xØ4,5 / 2xØ0.18

34 / 1.34

73 / 2.87

149,2 / 5.87

15,5 / 0.61

20,4 / 0.80

36,5 / 1.44

4,5 / 0.18

33 / 1.30

39 / 1.54

4,5 / 0.18

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Connections and Schema

Wiring Diagram

Item	M23 connector contact
1/4	15
1/2	7
2/4	5
2/2	4
3/4	16
3/2	8
4/4	3
4/2	14
5/4	17
5/2	9
6/4	2
6/2	13
7/4	11
7/2	10
8/4	1
8/2	18
1, 3, 5 & 7/1	19

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Item	M23 connector contact
2, 4, 6 & 8/1	19
1, 3, 5 & 7/3	6
2, 4, 6 & 8/3	6
1…8/5	12

M23 Connector