Product data sheet

Specifications

IP67 passive splitter box - with 8 channels M12 connector

ABE9C1280M

Discontinued on: May 23, 2024

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 mm² 12 A 0.75 mm²
Separation of commons	Without or with
Net weight	0.1 kg

Environment

IP degree of protection	IP67 conforming to IEC 60529
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 IEC 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

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**

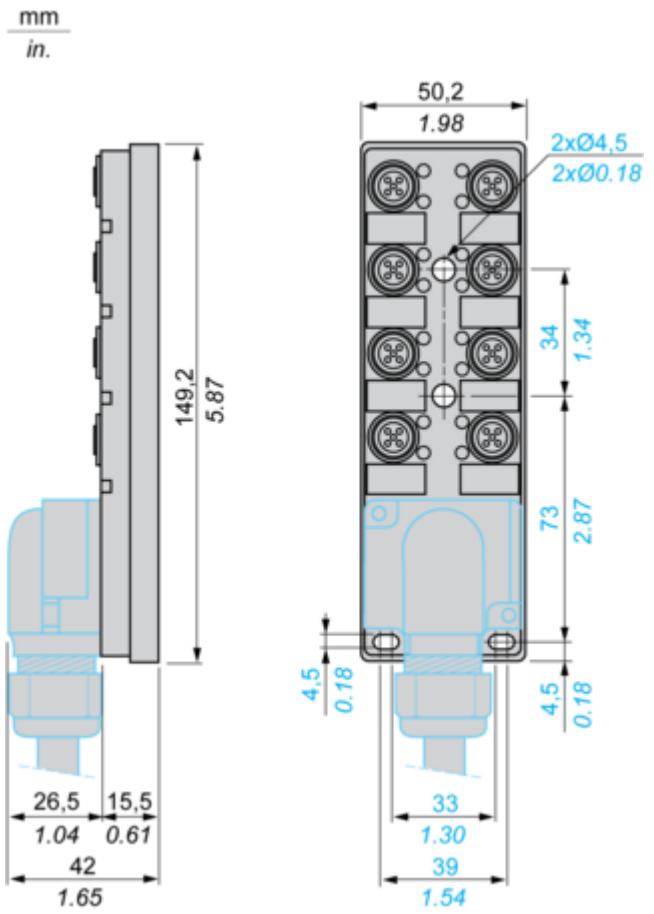
Use Again

Repack and remanufacture

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

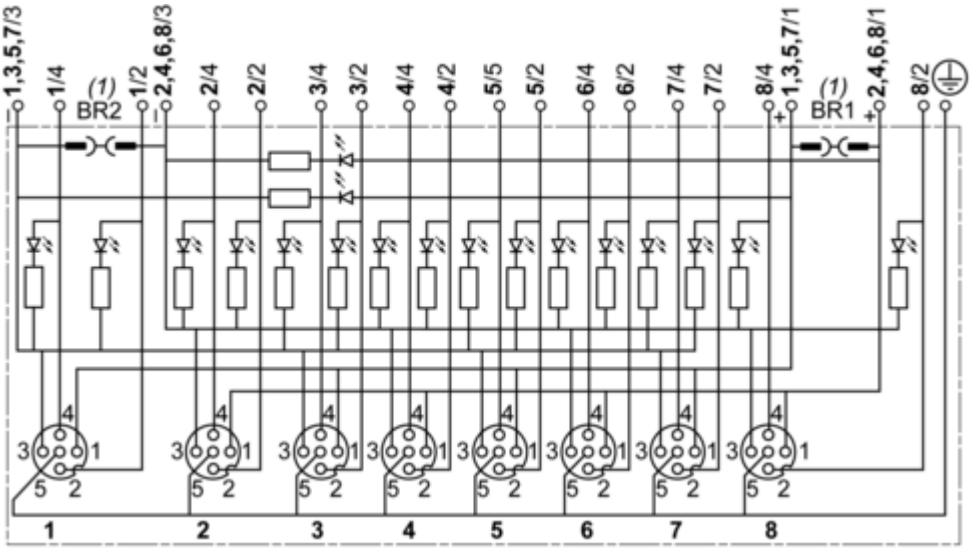
Dimensions Drawings

Dimensions with ABE9XCA18•• Connector



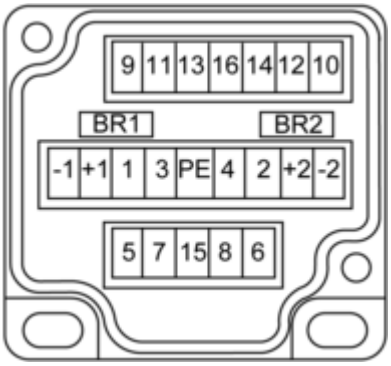
Connections and Schema

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