

Product datasheet

Specifications



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

ABE9C1281C23

⚠ Discontinued on: Nov 1, 2020

⚠ Discontinued

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 | 1 LED (green) power ON 1 LED per channel (yellow) channel status |

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 mm ² 12 A 0.75 mm ² |
| Separation Of Commons | Without |
| Net Weight | 0.14 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 |

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 Height | 4.5 cm |
| Package 1 Width | 5.7 cm |
| Package 1 Length | 15.5 cm |
| Package 1 Weight | 168.0 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 | 11.108 kg |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

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 >](#)

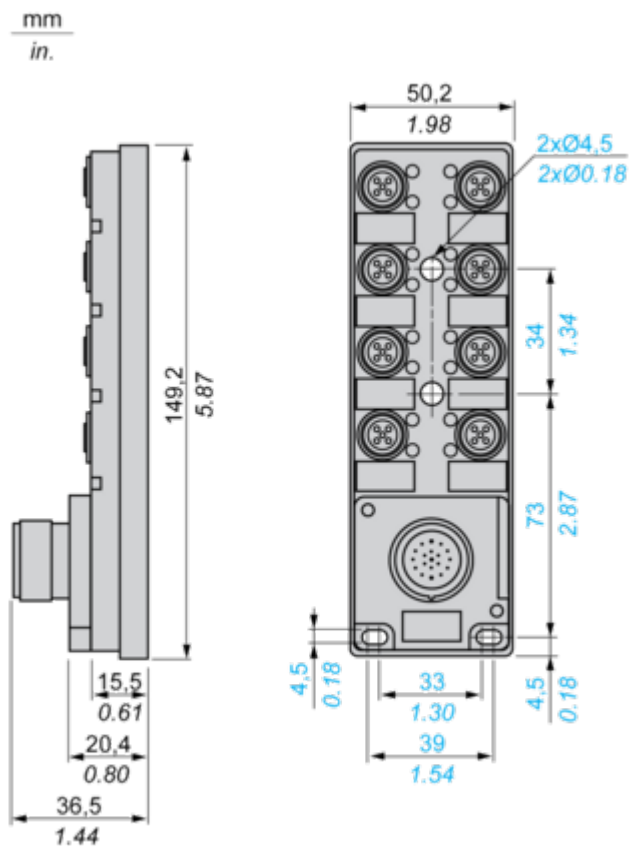
[Guide to assess a product's sustainability >](#)

Well-being performance

| | |
|--|---|
|  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 |

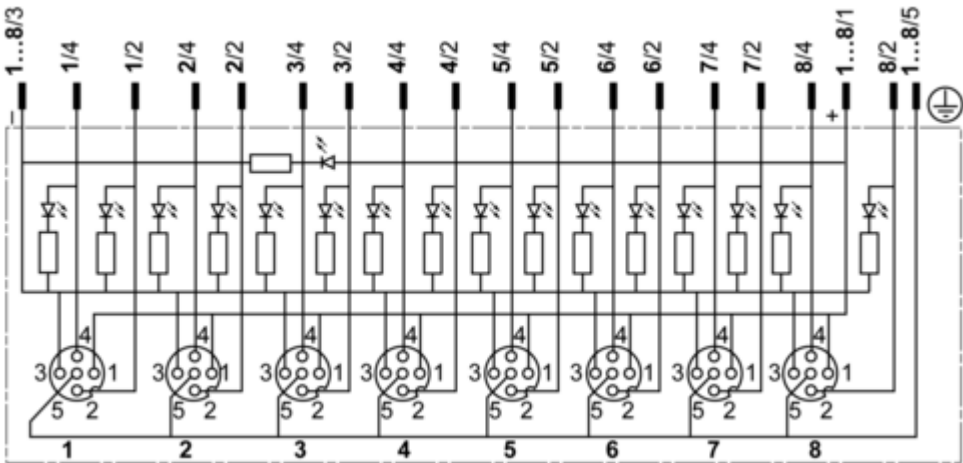
Dimensions Drawings

Dimensions



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 |

| 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

