

# Product data sheet

Specifications



## IP67 passive splitter box - cable 10 m - with 8 channels M12 connector - Led

ABE9C1281L10

! 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, 32.8 ft (10 m)<br>8 female connectors M12 5 pins |
| Status LED                | 1 LED per channel (Yellow) channel status<br>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 <sup>2</sup> (1 mm <sup>2</sup> )<br>12 A 0.001 in <sup>2</sup> (0.75 mm <sup>2</sup> ) |
| Separation of commons          | Without or with                                                                                       |
| Product Weight                 | 6.75 lb(US) (3.06 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          | US1PC1218125  |
| Discount Schedule | PC12          |
| GTIN              | 3389110404678 |
| Returnability     | No            |
| Country of origin | DE            |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 3.46 in (8.800 cm)        |
| Package 1 Width              | 12.80 in (32.500 cm)      |
| Package 1 Length             | 14.29 in (36.300 cm)      |
| Package 1 Weight             | 5.644 lb(US) (2.560 kg)   |
| Unit Type of Package 2       | S03                       |
| Number of Units in Package 2 | 4                         |
| 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             | 23.589 lb(US) (10.700 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

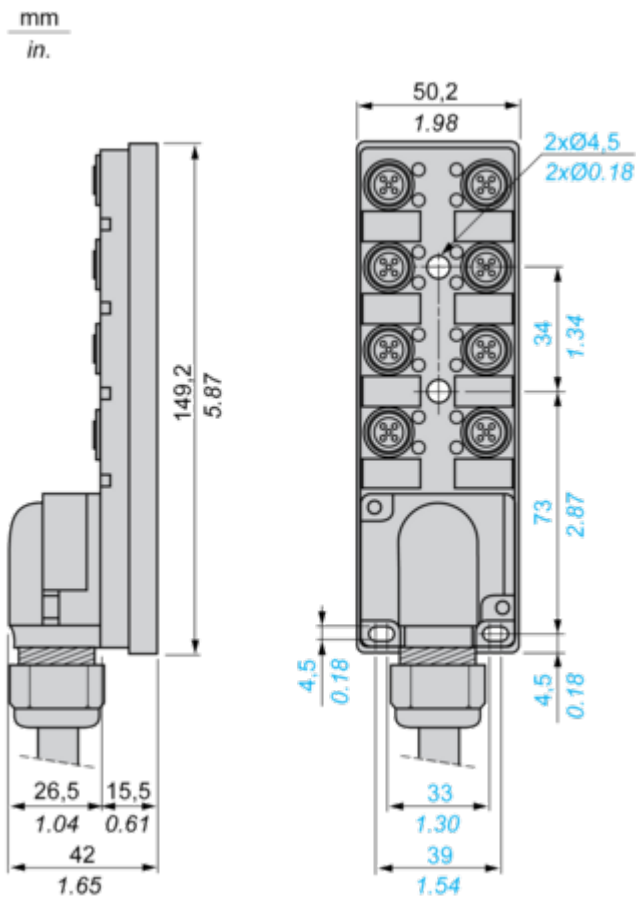
|  Materials and Substances |                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">EU RoHS Directive</a>                                                                          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                      |
| REACH Regulation                                                                                           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                               |
| 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 <a href="#">www.P65Warnings.ca.gov</a> |

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. |

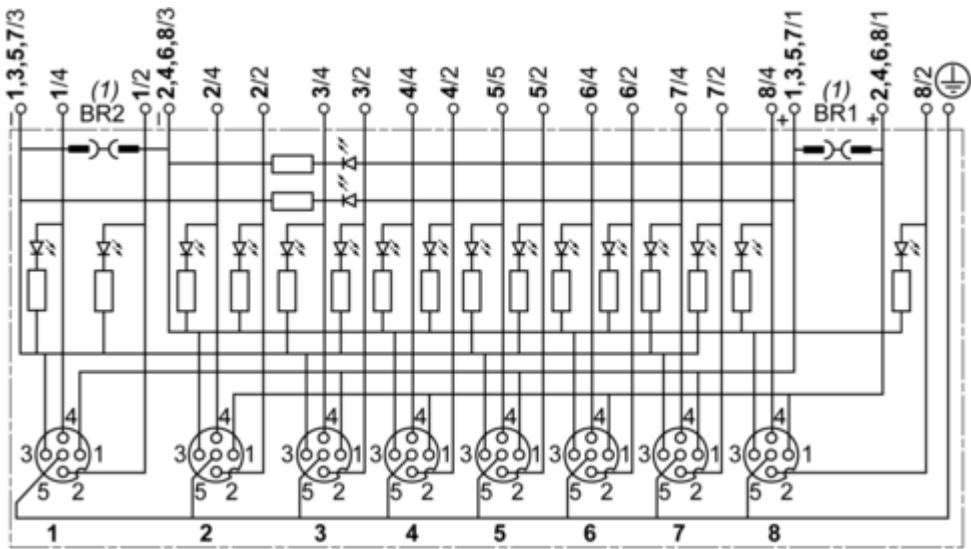
Dimensions Drawings

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

