

Product data sheet

Characteristics

ABE9C1281L05

IP67 passive splitter box - cable 5 m - with 8 channels M12 connector - Led



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, 5 m cable length 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 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 or with
Net weight	1.61 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 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 Weight	1.328 kg
Package 1 Height	8.3 cm
Package 1 width	28.8 cm
Package 1 Length	27.9 cm
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Weight	8.401 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

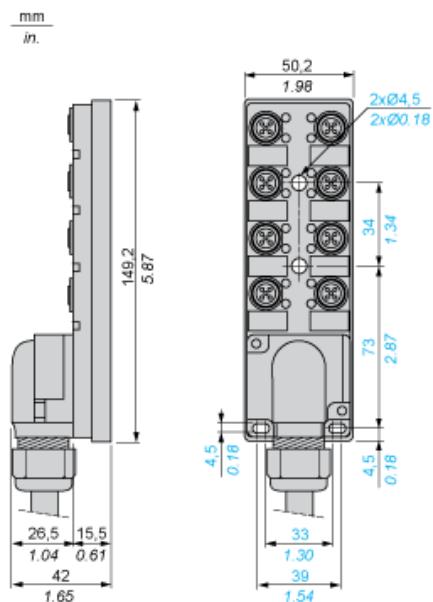
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<input checked="" type="checkbox"/> REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> China RoHS Declaration
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

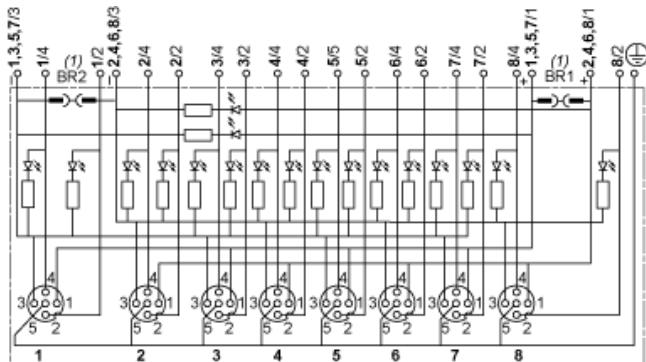
Contractual warranty

Warranty	18 months
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Dimensions



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
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

