

Product data sheet

Specifications



Connector, Canalis KB, 16A, polarity L+N+PE, phase selection, direct connection, not wired, compatible DALI/KNX protocol

KBC16DCB21

Main

Range	Canalis
Offer Type	Control system
Product Or Component Type	Connector
Device Application	Lighting Power socket distribution
Range Compatibility	Canalis KBA busbar trunking Canalis KBB busbar trunking
[Ie] Rated Operational Current	16 A at 35 °C
[Ue] Rated Operational Voltage	230...240 V
Network Frequency	50/60 Hz
Communication Port Protocol	DALI KNX
Tap-Off Unit Polarity	L1 + N + PE L2 + N + PE L3 + N + PE
Tap-Off Unit Connector Type	With phase selection
Tap-Off Lock Colour	Blue

Complementary

Colour	Cream (RAL 9001)
[Uimp] Rated Impulse Withstand Voltage	4 kV
[Ui] Rated Insulation Voltage	690 V
Protection Type	Without protection
Width	168 mm
Depth	33 mm
Height	53 mm
Net Weight	90 g
Quantity Per Set	Set of 10
Standards	EN/IEC 61439-1 EN/IEC 61439-6

Environment

Ip Degree Of Protection	IP55 conforming to EN/IEC 60529
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Packing Units

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

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	5.0 cm
Package 1 Length	13.5 cm
Package 1 Weight	92.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	12 cm
Package 2 Width	16 cm
Package 2 Length	25 cm
Package 2 Weight	986 g
Unit Type Of Package 3	P06
Number Of Units In Package 3	440
Package 3 Height	62.5 cm
Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	43.384 kg

Contractual warranty

Warranty	18 months
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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 >](#)



Transparency RoHS/REACH

Well-being performance

✓ Reach Free Of Svhc

✓ Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations

Dimension Drawings

