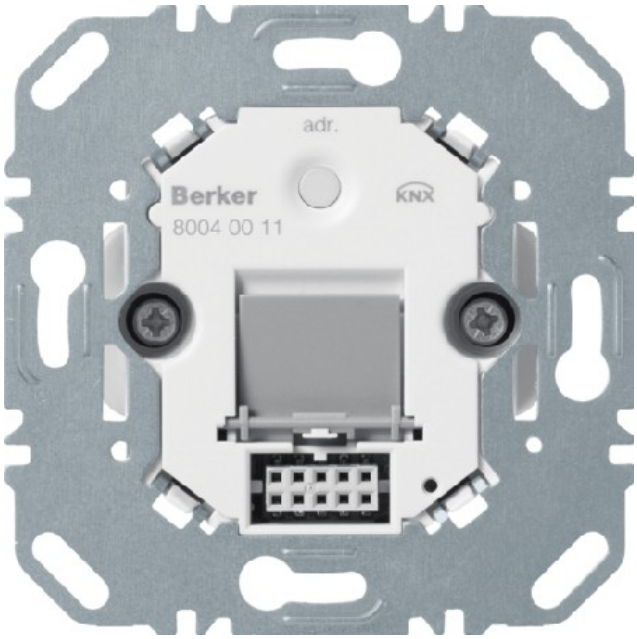
Item Number
EB16516655

28.03.2024/13:39

https://www.eibabo.us/berker/knx-bus-coupler-4-ch-80040011-ve10-eb16516655



KNX bus coupler 4-ch 80040011 (VE10)

Berker
80040011 (VE10)
80040011
3250617153072 EAN/GTIN

901,80 USD excl. VAT**
plus **shipping**

15-16 days* (USA)

Bus coupler UP KNX 80040011 (VE10) bus system KNX, other bus systems without, mounting type flush-mounted, width in division units 0, number of sensor/actuator connections 4, fastening type claw/screw fastening, bus coupler UP KNX, 10 pieces. KNX system description The KNX system is a flexible, upwardly compatible installation bus system (formerly EIB = European Installation Bus) for use in building system technology. It is specifically tailored to special requirements in terms of comfort, the possibility of flexible use of space, the combination of central and decentralized control, the intelligent linking of trades and systems, communication options, environmental compatibility, minimizing energy and operating costs as well as the functions of display, reporting and operation , monitoring and detecting. Thanks to its decentralized structure, it enables building-specific operational management in residential and functional buildings, regardless of the size of the system. The use of commercially available circuit distributors and installation boxes is particularly advantageous. All bus participants are connected via a bus line that complies with the KNX guidelines (Konnex Association) (e.g. JY(St)Y 2x2x0.8). Since the bus cable, according to DIN VDE 0100, can be laid directly next to power lines, the cable routing is greatly simplified. Compared to public telecommunications systems, the bus system with all components must be treated like a high-voltage system. As with high-current installations, the cable routing can be designed in a star or tree shape. A combination of the different cable routings is generally permitted. The wiring is done using two-wire technology, with the wires colored red (for +) and black (for -) representing the preferred wires. The white and yellow wires serve as reserves. The participants are supplied with the bus voltage (safety extra-low voltage SELV 30 V DC) via the bus line. At the same time, it serves to transmit the information that is exchanged between the bus participants. A terminating resistor is not required for the bus line. The smallest unit in the KNX system is a participant. Each participant consists of a user module (AM) and a bus coupler (BA). AM and BA are connected to each other via the user interface (AST). Up to 64 participants can be connected to one line. Twelve lines can be connected to each other via line couplers and thus combined into one area. Up to 15 of these areas can be connected to each other via area couplers. Project planning, parameterization, commissioning and diagnostics are carried out using the ETS (EIB tool...

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