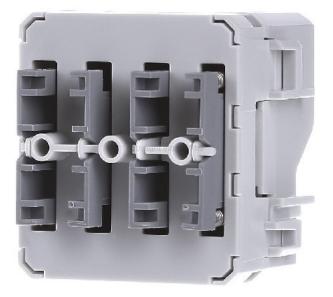# eibabo®
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https://www.eibabo.com/en/berker/group-button-bus-coupler-w.1-2-fold-knx-touch-sensor-for-home-automation-4-fold-80141500-eb10868489

Group button bus coupler W.1, 2-fold - KNX Touch sensor for home automation 4-fold 80141500

Berker
80141500
4011334418719 EAN/GTIN

84,43 USD excl. VAT**

plus **shipping**

15-16 days* (USA)

Group button bus coupler W.1, 2-fold 80141500 bus system KNX, other bus systems without, mounting type surface-mounted, with bus coupling, number of actuation points 4, number of buttons 2, with LED display, material plastic, material quality Duroplast, surface untreated, surface design matt, color grey, RAL number (similar) 7035, protection class (IP) IP20, W.1 group button bus coupler, 2-fold, rockers with middle position, four switching points. 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 specially 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, energy and operating cost minimization as well as the display, reporting and operation functions , monitoring and detecting. Due to its decentralized structure, it enables building-specific operational management in residential and functional buildings, regardless of the system size. The use of commercially available circuit distributors and installation boxes is particularly advantageous. All bus users are connected via a bus line (e.g. JY(St)Y 2x2x0.8) that conforms to the KNX guidelines (Konnex Association). Since the bus line, according to DIN VDE 0100, can be laid directly next to high-voltage lines, the line routing is greatly simplified. Compared to public telecommunications systems, the bus system with all its components should be treated like a high-voltage system. As with the high-voltage installation, the cable routing may be star-shaped or tree-shaped. A combination of the different cable routings is generally permitted. Wiring is done using two-wire technology, with the cores colored red (for +) and black (for -) representing the preferred cores. The cores with the colors white and yellow serve as reserve. 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 an application 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...

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