Product Information

# ABB i-bus® EIB / KNX
# Switch/Dim Actuators
# SD/S x.16.1

## Intelligent Installation Systems

**ABB**

# Perfect Interaction between 1 – 10 V Devices and EIB / KNX

## Switch/Dim Actuators from ABB STOTZ-KONTAKT

Dimmable electronic ballast's with 1 – 10 V interfaces are successfully established on the market and offer a simple and attractively-priced solution for implementing mood lighting and energy saving.

The three ABB i-bus® EIB / KNX Switch/Dim actuators link groups of luminaries with electronic ballast's, dimmers or transformers using 1 – 10 V control interfaces in intelligent installation systems.

Important arguments for using dimmable lighting components are

- Reduction of the operating costs
- Saving energy
- Improved lighting providing comfort and convenience

## Proven Technology with New Possibilities

## Comprehensive Functions with High Levels of Operation Reliability

Dimming is implemented for each output via 1 – 10 V control lines.
The ballast devices and consequently the entire luminaries of a
Switch/Dim actuator can be switched on and off manually or via the ABB i-bus®
using up to 8 potential-free load relays.

A comprehensive application program applied for every channel provides
a range of combinable independent functions.

- Switching, dimming, setting of brightness values
- Use of different dimming times
- Status feedback
- Staircase lighting including prewarnings
- Slave mode for interaction with a brightness controller
- Scene and preset functions
- Blocking function and forced operation

## Ordering Information

| Type | Description | MW* | Order Code | bbn 40 16779 EAN | Weight 1 pcs [kg] |
|---|---|---|---|---|---|
| SD/S 2.16.1 | Switch/Dim actuator, 1 – 10 V, 2-fold, 16 A | 4 | 2CDG 110 079 R0011 | 65996 3 | 0,18 |
| SD/S 4.16.1 | Switch/Dim actuator, 1 – 10 V, 4-fold, 16 A | 6 | 2CDG 110 080 R0011 | 65937 6 | 0,28 |
| SD/S 8.16.1 | Switch/Dim actuator, 1 – 10 V, 8-fold, 16 A | 8 | 2CDG 110 081 R0011 | 65918 5 | 0,46 |

* MW = Module width in divisions = 18 mm.

**ABB**

The information in this leaflet is subject to change without further notice.

**Your EIB-Partner**