# KNX-BSA12H

## BLIND/SHUTTER ACTUATOR

KNX–BSA12H is a KNX blind/shutter actuator that allows you to control the movement of sun protection products such as horizontal (Venetian) blinds, roller shutters and awnings. It also enables control of the movement of electrically–operated windows. The KNX–BSA12H module is designed to control devices having the 230 V AC motor. The module has 2 physical outputs with two corresponding logic channels. Each channel allows control of one selected type of blind/shutter or window.

Features:

- communication with the KNX bus via integrated bus connector
- feedback information about the state of module and individual channels
- selectable type of blind/shutter for each channel
- automatic detection of blind/shutter travel time and slat adjustment time
- weather alarms (rain, wind, frost)
- position forcing function
- ability to call scenes for each channel by using 1– and 8–bit commands
- detection of blind/shutter errors (no power, incorrect position, mechanical jam, motor overheating)
- manual control of blind/shutter travel by using buttons on the enclosure
- LEDs to indicate status of each channel / blind/shutter
- module configuration using ETS program
- suitable for mounting on DIN rail (35 mm)

## TECHNICAL DATA

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| **Enclosure dimensions** | 70 x 92 x 60 mm |
| **Operating temperature range** | 0°C...+45°C |
| **Weight** | 188 g |
| **IP code** | IP20 |
| **Maximum tightening torque** | 0.5 N·m |
| **Temperature range for storage / transport** | -25°C...+70°C |
| **Number of units on DIN rail** | 4 |
| **Maximum cross-section of wire** | 2.5 mm² |
| **Current draw from KNX bus** | < 20 mA |
| **Maximum time of response to telegram** | |
| **Maximum number of communication objects** | 45 |
| **Maximum number of group addresses** | 256 |
| **Maximum number of associations** | 256 |
| **Supply voltage (KNX bus)** | 20...30 V DC |
| **Rated voltage U**$_?$ | 230 V AC |
| **Contact rating I**$_?$ | 6 A |