

# KNX-BSA12L

## BLIND/SHUTTER ACTUATOR

The KNX-BSA12L is a KNX blind/shutter actuator that allows you to control the movement of sun protection products such as horizontal (Venetian) blinds, vertical blinds, roller shutters and awnings. It also enables control of the movement of electrically-operated windows. The KNX-BSA12L module is designed to control devices having the 24 V DC 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

Enclosure dimensions	70 x 92 x 60 mm
Operating temperature range	0°C...+45°C
Weight	182 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
Certificate of conformity	nr 324/15898/19
Maximum cross-section of wire	2.5 mm <sup>2</sup>
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 <sub>e</sub>	24 V DC
Contact rating I <sub>e</sub>	6 A