Blind/Roller Shutter Actuator with travel detection and manual operation, 8-fold, 230 V, MDRC

To control up to 8 independent blind and roller shutter drives or ventilation flaps (230 V AC)
- Automatic travel detection via identification of end positions for each channel
- Manual operation and displaying LEDs for each channel
- Mutually mechanically interlocked outputs
- Power supply only via KNX bus voltage

Software functionality
- Copy and change channels
- Time-delayed switching of drives
- Sending and switching delay after bus voltage recovery
- Request status values via object
- Limited number of telegrams
- Preferred position on bus voltage failure-, recovery, programming and reset
- Disable/enable manual operation, deactivation by time
- Travel detection (automatically or triggered by object) or manual setting of travel times
- Safety function (3 x wind alarm, rain alarm, frost alarm with cyclical monitoring, block and forced operation) and reaction on reset of safety function
- Direct commands UP/DOWN, STOP/Slat Adjustment
- Move to position height/slat 0…255
- Move to/set preset Position 1-4 and 8 bit scene
- Dead times of blind/shutter adjustable
- Tensioning function for e.g. awnings and slot positioning for roller shutters
- Limited travel range (adjustable for direct and/or automatic commands)
- Change on direction and delay times for drives adjustable
- Automatic sun protection (position height/slat at sun) and sun tracking
- Heating/cooling automatic with overheat control
- Status messages: height/slat 0…255, upper/lower end position, operability, automatic, status information (2 Byte, including motor error)
- Controlling ventilation flaps, switch mode with staircase lighting function

Outputs
- 8 (2 relay outputs UP/DOWN for each channel)

Power consumption KNX < 250 mW
Operating voltage 21…30 V DC via KNX
Uₚ rated voltage max. 230 V AC, 45…65 Hz
Iₚ rated current max. 6 A

Operating and displaying elements 2 LEDs and push buttons for each channel

Connection
- Outputs screw terminals with combination head screws
- KNX screwless bus connection terminal

Type of protection IP 20, EN 60 529
Approval EIB and KNX according to EN 50 090-1, -2
Installation on 35 mm mounting rail, EN 60 715
Width 8 Modules at 18 mm
Manufacturer ABB STOTZ-KONTAKT

Type JRA/S 8.230.5.1

Material: ........... Labour: ...........

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