### Item Qty Description of products and services Price per unit Amount

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description of products and services</th>
<th>Price per unit</th>
<th>Amount</th>
</tr>
</thead>
</table>

**Blind/Roller Shutter Actuator with travel detection and manual operation, 4-fold, 24 V DC, MDRC**

- To control up to 4 independent blind and roller shutter drives or ventilation flaps (24 V DC).
  - Automatic travel detection via identification of end positions for each channel
  - Manual operation and displaying LEDs for each channel
  - 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**
- 4 (2 relay outputs UP/DOWN for each channel)

**Power consumption KNX**
- < 250 mW

**Operating voltage**
- 21…30 V DC via KNX

**U_n rated voltage**
- max. 24 V DC

**I_n 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**
- 4 Modules at 18 mm

**Manufacturer**
- ABB STOTZ-KONTAKT

**Type**
- JRA/S 4.24.5.1

**Material:** 

**Labour:** 

---

**JRAS_42451_AT_EN_V1-0**  
2CDC 506 072 D0201 

---

** JRAS 4.24.5.1  
JRA/S 4.24.5.1**