<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description of products and services</th>
<th>Price per unit</th>
<th>Amount</th>
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</thead>
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<tr>
<td></td>
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<td><strong>Shutter Actuator with Manual Operation, 4-fold, 230 V AC, MDRC</strong></td>
<td>Carry:</td>
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</table>

For controlling four independent shutter drives. Local operation possible via push buttons with or without EIB.

Functions of the application program:
- movement UP/DOWN
- STOP/louvre adjustment
- wind, rain and frost alarm, disable, priority control
- operation of ventilation flaps
- movement into position
- move to preset and set
- feedback of position and status
- default position on bus voltage failure and recovery and for programming
- automatic sun protection and heating/cooling control
- disable/enable manual operation via EIB

Outputs: 4 independent changeover contacts with mechanical interlocking for UP/DOWN

Switching capacity: 6 A (at 230 V AC)

Operation:
- **UP/DOWN**: 2 push buttons and 2 LEDs per output for manual operation UP/DOWN
- **EIB/manual**: 1 push button and 1 LED for toggling between EIB and manual

Connection: Screw terminals

Type of protection: IP 20, EN 60 529

Installation: on 35 mm mounting rail, DIN EN 60 715

Width: 4 modules at 18 mm

Manufacturer: ABB

**Type**: JA/S 4.230.1M

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