6

Locking drives
## OVERVIEW OF LOCKING DRIVES FV

<table>
<thead>
<tr>
<th>Type</th>
<th>Form</th>
<th>Rated voltage</th>
<th>Locking stroke</th>
<th>Force</th>
<th>Runtime</th>
<th>Quiescent current</th>
<th>Opening drives</th>
<th>Use</th>
<th>Location</th>
<th>Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>[VDC]</td>
<td>[mm]</td>
<td>[N]</td>
<td>[s]</td>
<td>[A]</td>
<td>Type</td>
<td>Breaking current</td>
<td>Natural ventilation</td>
<td>RWA</td>
</tr>
<tr>
<td>FVUx</td>
<td></td>
<td>24</td>
<td>18</td>
<td>600</td>
<td>1000</td>
<td>5,0</td>
<td>0,3</td>
<td>S3/S12</td>
<td>0,8</td>
<td>0,3</td>
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<tr>
<td>FVUB</td>
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<td>FVUR</td>
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<td>18</td>
<td>600</td>
<td>1000</td>
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<tr>
<td>OFV</td>
<td></td>
<td>24</td>
<td>0° – 180°</td>
<td>10 Nm</td>
<td>22 Nm</td>
<td>4,5 / 9,0</td>
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<td>S1</td>
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<td>S2/S3/S12</td>
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</tbody>
</table>

### LEGEND

- **suitable**
- **not recommended**

- S1: without internal cut-off switch for operation with RWA1000-, RWA1100-, RWA1050-systems
- S2: internal load dependend cut-off switch
- S3: internal load dependend cut-off switch, post cycle resistant, programmable for motion monitored run (up to 300 mm stroke) and sequence control
- S4: without internal cut-off switch, with pulse generator for operation with external load cut-off-switch or synchronisation controller
- S12: internal Intelligent Control Electronics S12 for synchronised run and programmable functions
- O: only with external control module USKM
**FVUX LOCKING DRIVES**
- Model: 24V DC
- Force: 600 N
- Stroke: 18 mm
- Runtime: 5 s
- Housing (WxH): aluminium 26 x 26 mm, length depending on type
- Coupling adapter: Locking plate (for FVUI)
- Locking angle (for FVUB and FVUR and FVUE)
- Versions: FVUI, FVUB R, FVUB L, FVUR, FVUE
- Protection rating: IP 32

**FV LOCKING DRIVES**
- Model: 24V DC
- Force: 600 N
- Stroke: 15 mm
- Runtime: 5 s
- Housing (WxH): aluminium 35 x 35 mm, length depending on type
- Coupling adapter: Locking angle
- Versions: FV1, FV3, FV4 with 1 – 3 locking points
- Protection rating: IP32

**OFV LOCKING DRIVES**
- Model: 24V DC, S3
- Torquet: 10 Nm
- Rotation angle: 90° / 180°
- Runtime: 4.5 - 9 s
- Housing (WxH): aluminium/ABS 40 x 156 x 83 mm, grey
- Coupling adapter: Squered shaft for the chamber gearboxes
- Protection rating: IP32