



- Application: natural ventilation, SHEV, ferralux®-NSHEV
- Surface mounting on the main/side closing edge of the window frame profiles (RM) of outward or on the casement profiles (FM) of inward opening windows
- Required mounting space 35 mm
- Locking drives for existing locking bar

### Options

- Locking plate customizable for project-/profile-specific demands

### FVR3

- With internal load dependent cut-off switch and sequence control for drives PL6 S1 / PL10 S1 (I = 0.8A)

### FVR4

- M-COM suitable internal load dependent cut-off switch and sequence control for drives S3 / S12
- Star wiring
- Current of the drives does not run over FVR4
- Sequence control via communication wire

### TECHNICAL DATA

|           |                              |  |
|-----------|------------------------------|--|
| $U_N$     | Rated voltage                | 24V DC (19 V ... 28 V)   |
| $I_N$     | Rated current                | 0,6 A  |
| $I_o$     | Quiescent current            | ~ 300 mA   |
| $P_N$     | Rated power                  | 20 W   |
| $I_D$     | Current of opening drives    | FVR3: 0,8 A (PL 6/10 S1)<br>FVR4: S3 / S12 non relevant  |
| <b>DC</b> | Duty cycle                   | 5 cycles (ED 30 % - ON: 3 min./OFF: 7 min.)  |
|           | Protection rating            | IP 32  |
|           | Ambient temperature range    | -5 °C ... +60 °C   |
| <b>F</b>  | Pushing / Pulling force max. | ~ 600 N  |
| <b>t</b>  | Runtime                      | ~ 5,0 s  |
| <b>s</b>  | Stroke                       | ~ 18 mm ( $\pm$ 1)   |
|           | Connecting cable             | FVR3: non-halogen, grey 2 x 0,75 mm <sup>2</sup> , ~ 3 m<br>FVR4: non-halogen, grey 3 x 0,50 mm <sup>2</sup> , ~ 3 m |
|           | Coupling adapter             | stainless steel  |
|           | Housing                      | aluminium (E6/C-O), 420 x 35 x 35 mm   |
| <b>L</b>  | Length                       | 420 mm   |
|           | Sound pressure level         | ≤ 70 dB (A)  |

### FVR 4



| ORDER DATA |        |         |        |         |           |  |
|------------|--------|---------|--------|---------|-----------|--|
| s [mm]     | L [mm] | Version | Finish | PU/pcs. | Part.-No. |  |
| 18         | 420    | FVR3 18 | E6/C-0 | 1       | 514003    |  |
| 18         | 420    | FVR4 18 | E6/C-0 | 1       | 514029    |  |

| Special model  | PU/pcs.  | Part.-No. |  |
|--|----------|-----------|--|
| <b>Drive housing painted/powder coated in other RAL colours</b>            |          |           |  |
| <b>Lump sum for coating</b>  |          | 516030    |  |
| Specify at order stage:  | 1 – 20   | 516004    |  |
|  | 21 – 50  | 516004    |  |
|  | 51 – 100 | 516004    |  |
|  | from 101 | 516004    |  |
| <b>Extra length connecting cable:</b>                                      |          |           |  |
| 5 m –non-halogen grey – 2 x 0,75 mm <sup>2</sup>                           |          | 501021    |  |
| 10 m –non-halogen, grey – 2 x 0,75 mm <sup>2</sup>                         |          | 501027    |  |
| 5 m –non-halogen, grey – 3 x 0,50 mm <sup>2</sup>                          |          | 501034    |  |
| 10 m –non-halogen, grey – 3 x 0,50 mm <sup>2</sup>                         |          | 501036    |  |
| <b>Microprocessor programming S12</b>                                      |          |           |  |
| Programming drives 24V / 230V S12  |          | 524180    |  |
| <b>Optional accessories</b>  |          |           |  |
| M-COM Configuration module for synchronised multi-drive systems (for FVR4) | 1        | 524177    |  |