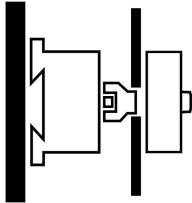
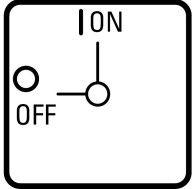




**Main switch, T3, 32 A, rear mounting, 4 contact unit(s), 6 pole, 2 N/O, STOP function, With black rotary handle and locking ring**

**Part no. T3-4-15700/V/SVB-SW**  
**Catalog No. 002689**

**Delivery program**

| Product range                          |   |     | Main switch<br>maintenance switch<br>Repair switch  |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
|--|---|-----|---|--|---|---|-----|--|---|-----|--|---|-----|--|---|-----|--|---|-----|--|---|-----|--|---|-----|--|---|-----|--|---|-----|--|---|------|--|---|------|--|---|------|--|---|------|--|---|------|--|---|------|--|---|------|--|---|
| Part group reference                   |   |     | T3  |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Stop Function                          |   |     | STOP function   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Number of poles                        |   |     | With black rotary handle and locking ring<br>6 pole   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| <b>Auxiliary contacts</b>              |   |     |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
|  |   | N/O | 2   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
|  |   | N/C | 0   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Degree of Protection                   |   |     | Front IP65  |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Design                                 |   |     | rear mounting<br>  |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Contact sequence                       |   |     | <table border="1"> <thead> <tr> <th></th> <th>0</th> <th>1</th> </tr> </thead> <tbody> <tr><td>1 o</td><td></td><td>X</td></tr> <tr><td>2 o</td><td></td><td>X</td></tr> <tr><td>3 o</td><td></td><td>X</td></tr> <tr><td>4 o</td><td></td><td>X</td></tr> <tr><td>5 o</td><td></td><td>X</td></tr> <tr><td>6 o</td><td></td><td>X</td></tr> <tr><td>7 o</td><td></td><td>X</td></tr> <tr><td>8 o</td><td></td><td>X</td></tr> <tr><td>9 o</td><td></td><td>X</td></tr> <tr><td>10 o</td><td></td><td>X</td></tr> <tr><td>11 o</td><td></td><td>X</td></tr> <tr><td>12 o</td><td></td><td>X</td></tr> <tr><td>13 o</td><td></td><td>X</td></tr> <tr><td>14 o</td><td></td><td>X</td></tr> <tr><td>23 o</td><td></td><td>X</td></tr> <tr><td>24 o</td><td></td><td>X</td></tr> </tbody> </table> |  | 0 | 1 | 1 o |  | X | 2 o |  | X | 3 o |  | X | 4 o |  | X | 5 o |  | X | 6 o |  | X | 7 o |  | X | 8 o |  | X | 9 o |  | X | 10 o |  | X | 11 o |  | X | 12 o |  | X | 13 o |  | X | 14 o |  | X | 23 o |  | X | 24 o |  | X |
|  | 0 | 1   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 1 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 2 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 3 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 4 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 5 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 6 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 7 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 8 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 9 o                                    |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 10 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 11 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 12 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 13 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 14 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 23 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| 24 o                                   |   | X   |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Switching angle                        |   | °   | 90  |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Design number                          |   |     | 15700   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| Function                               |   |     |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |
| <b>Motor rating AC-23A, 50 - 60 Hz</b> |   |     |   |  |   |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |     |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |      |  |   |

|   |       |                 |  |
|---|-------|-----------------|--|
| 400 V                                     | P     | kW              | 15   |
| Rated uninterrupted current               | $I_u$ | A               | 32   |
| Note on rated uninterrupted current $I_u$ |       |                 | Rated uninterrupted current $I_u$ is specified for max. cross-section. |
| Number of contact units                   |       | contact unit(s) | 4  |

## Technical data

### General

|                                       |           |      |  |
|---------------------------------------|-----------|------|--|
| Standards                             |           |      | IEC/EN 60947, VDE 0660, IEC/EN 60204, CSA, UL<br>Switch-disconnector according to IEC/EN 60947-3 |
| Climatic proofing                     |           |      | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30                   |
| Ambient temperature                   |           |      |  |
| Open                                  |           | °C   | -25 - +50  |
| Enclosed                              |           | °C   | -25 - +40  |
| Overtoltage category/pollution degree |           |      | III/3  |
| Rated impulse withstand voltage       | $U_{imp}$ | V AC | 6000   |
| Mechanical shock resistance           |           | g    | 15   |
| Mounting position                     |           |      | As required  |

### Contacts

|   |          |              |  |
|---|----------|--------------|--|
| Mechanical variables                                |          |              |  |
| Number of poles                                     |          |              | 6 pole   |
| Auxiliary contacts                                  |          |              |  |
|   |          | N/O          | 2  |
|   |          | N/C          | 0  |
| Electrical characteristics                          |          |              |  |
| Rated operational voltage                           | $U_e$    | V AC         | 690  |
| Rated uninterrupted current                         | $I_u$    | A            | 32   |
| Note on rated uninterrupted current $I_u$           |          |              | Rated uninterrupted current $I_u$ is specified for max. cross-section. |
| Load rating with intermittent operation, class 12   |          |              |  |
| AB 25 % DF  |          | $\times I_e$ | 2  |
| AB 40 % DF  |          | $\times I_e$ | 1.6  |
| AB 60 % DF  |          | $\times I_e$ | 1.3  |
| Short-circuit rating                                |          |              |  |
| Fuse  |          | A gG/gL      | 35   |
| Rated short-time withstand current (1 s current)    | $I_{cw}$ | $A_{rms}$    | 650  |
| Note on rated short-time withstand current $I_{cw}$ |          |              | Current for a time of 1 second   |
| Rated conditional short-circuit current             | $I_q$    | kA           | 1  |

### Switching capacity

|  |              |               |       |
|--|--------------|---------------|-------|
| $\cos \varphi$ rated making capacity as per IEC 60947-3        |              | A             | 320   |
| Rated breaking capacity $\cos \varphi$ to IEC 60947-3          |              | A             |       |
| 230 V  |              | A             | 260   |
| 400/415 V  |              | A             | 260   |
| 500 V  |              | A             | 240   |
| 690 V  |              | A             | 170   |
| Safe isolation to EN 61140                                     |              |               |       |
| between the contacts   |              | V AC          | 440   |
| Current heat loss per contact at $I_e$                         |              | W             | 1.1   |
| Current heat loss per auxiliary circuit at $I_e$ (AC-15/230 V) |              | CO            | 1.1   |
| Lifespan, mechanical   | Operations   | $\times 10^6$ | > 0.5 |
| Maximum operating frequency                                    | Operations/h |               | 1200  |
| AC   |              |               |       |
| AC-3   |              |               |       |
| Rating, motor load switch                                      | P            | kW            |       |
| 220 V 230 V  | P            | kW            | 5.5   |
| 230 V Star-delta   | P            | kW            | 7.5   |

|   |                |          |      |
|---|----------------|----------|------|
| 400 V 415 V                                 | P              | kW       | 11   |
| 400 V Star-delta                            | P              | kW       | 15   |
| 500 V                                       | P              | kW       | 15   |
| 500 V Star-delta                            | P              | kW       | 18.5 |
| 690 V                                       | P              | kW       | 11   |
| 690 V Star-delta                            | P              | kW       | 22   |
| Rated operational current motor load switch |                |          |      |
| 230 V                                       | I <sub>e</sub> | A        | 23.7 |
| 230 V star-delta                            | I <sub>e</sub> | A        | 32   |
| 400V 415 V                                  | I <sub>e</sub> | A        | 23.7 |
| 400 V star-delta                            | I <sub>e</sub> | A        | 32   |
| 500 V                                       | I <sub>e</sub> | A        | 23.7 |
| 500 V star-delta                            | I <sub>e</sub> | A        | 32   |
| 690 V                                       | I <sub>e</sub> | A        | 14.7 |
| 690 V star-delta                            | I <sub>e</sub> | A        | 25.5 |
| AC-21A                                      |                |          |      |
| Rated operational current switch            |                |          |      |
| 440 V                                       | I <sub>e</sub> | A        | 32   |
| AC-23A                                      |                |          |      |
| Motor rating AC-23A, 50 - 60 Hz             |                |          |      |
| 230 V                                       | P              | kW       | 7.5  |
| 400 V 415 V                                 | P              | kW       | 15   |
| 500 V                                       | P              | kW       | 15   |
| 690 V                                       | P              | kW       | 15   |
| Rated operational current motor load switch |                |          |      |
| 230 V                                       | I <sub>e</sub> | A        | 32   |
| 400 V 415 V                                 | I <sub>e</sub> | A        | 32   |
| 500 V                                       | I <sub>e</sub> | A        | 26.4 |
| 690 V                                       | I <sub>e</sub> | A        | 17   |
| DC  |                |          |      |
| DC-1, Load-break switches L/R = 1 ms        |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 25   |
| Voltage per contact pair in series          |                |          |      |
|   |                | V        | 60   |
| DC-21A                                      |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 1    |
| Contacts                                    |                |          |      |
|   |                | Quantity | 1    |
| DC-23A, motor load switch L/R = 15 ms       |                |          |      |
| 24 V  |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 25   |
| Contacts                                    |                |          |      |
|   |                | Quantity | 1    |
| 48 V  |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 25   |
| Contacts                                    |                |          |      |
|   |                | Quantity | 2    |
| 60 V  |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 25   |
| Contacts                                    |                |          |      |
|   |                | Quantity | 3    |
| 120 V                                       |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 12   |
| Contacts                                    |                |          |      |
|   |                | Quantity | 3    |
| 240 V                                       |                |          |      |
| Rated operational current                   |                |          |      |
|   | I <sub>e</sub> | A        | 5    |
| Contacts                                    |                |          |      |
|   |                | Quantity | 5    |
| DC-13, Control switches L/R = 50 ms         |                |          |      |

|   |                   |       |   |
|---|-------------------|-------|---|
| Rated operational current                     | $I_e$             | A     | 20  |
| Voltage per contact pair in series            |                   | V     | 24  |
| Control circuit reliability at 24 V DC, 10 mA | Fault probability | $H_F$ | $< 10^{-5}$ , $< 1$ failure in 100,000 switching operations |

### Terminal capacities

|                                      |  |                 |                                  |
|--------------------------------------|--|-----------------|----------------------------------|
| Solid or stranded                    |  | mm <sup>2</sup> | 1 x (1 - 6)<br>2 x (1 - 6)       |
| Flexible with ferrules to DIN 46228  |  | mm <sup>2</sup> | 1 x (0.75 - 4)<br>2 x (0.75 - 4) |
| Terminal screw                       |  |                 | M4                               |
| Tightening torque for terminal screw |  | Nm              | 1.6                              |

### Technical safety parameters:

|       |  |  |   |
|-------|--|--|---|
| Notes |  |  | B10 <sub>q</sub> values as per EN ISO 13849-1, table C1 |
|-------|--|--|---|

### Rating data for approved types

|  |       |       |             |
|--|-------|-------|-------------|
| Contacts                                 |       |       |             |
| Rated operational voltage                | $U_e$ | V AC  | 600         |
| Rated uninterrupted current max.         |       |       |             |
| Main conducting paths                    |       |       |             |
| General use                              |       | A     | 25          |
| Auxiliary contacts                       |       |       |             |
| General Use                              | $I_U$ | A     | 10          |
| Pilot Duty                               |       |       | A 600       |
| Switching capacity                       |       |       |             |
| Maximum motor rating                     |       |       |             |
| Single-phase                             |       |       |             |
| 120 V AC                                 |       | HP    | 1.5         |
| 200 V AC                                 |       | HP    | 3           |
| 240 V AC                                 |       | HP    | 3           |
| Three-phase                              |       |       |             |
| 200 V AC                                 |       | HP    | 3           |
| 240 V AC                                 |       | HP    | 3           |
| 480 V AC                                 |       | HP    | 7.5         |
| 600 V AC                                 |       | HP    | 10          |
| Short Circuit Current Rating             |       |       |             |
|  |       | SCCR  |             |
| Basic Rating                             |       | kA    | 5           |
| max. Fuse                                |       | A     | 40          |
| High fault rating                        |       | kA    | 10          |
| max. Fuse                                |       | A     | 40, Class J |
| Terminal capacity                        |       |       |             |
| Solid or flexible conductor with ferrule |       | AWG   | 14 - 10     |
| Terminal screw                           |       |       | M4          |
| Tightening torque                        |       | lb-in | 17.7        |

### Design verification as per IEC/EN 61439

|  |            |    |  |
|--|------------|----|--|
| Technical data for design verification                   |            |    |  |
| Rated operational current for specified heat dissipation | $I_n$      | A  | 32   |
| Heat dissipation per pole, current-dependent             | $P_{vid}$  | W  | 1.1  |
| Equipment heat dissipation, current-dependent            | $P_{vid}$  | W  | 0  |
| Static heat dissipation, non-current-dependent           | $P_{vs}$   | W  | 0  |
| Heat dissipation capacity                                | $P_{diss}$ | W  | 0  |
| Operating ambient temperature min.                       |            | °C | -25  |
| Operating ambient temperature max.                       |            | °C | 50   |
| IEC/EN 61439 design verification                         |            |    |  |
| 10.2 Strength of materials and parts                     |            |    |  |
| 10.2.2 Corrosion resistance                              |            |    | Meets the product standard's requirements. |
| 10.2.3.1 Verification of thermal stability of enclosures |            |    | Meets the product standard's requirements. |

|  |  |  |
|--|--|--|
| 10.2.3.2 Verification of resistance of insulating materials to normal heat   |  | Meets the product standard's requirements.   |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects |  | Meets the product standard's requirements.   |
| 10.2.4 Resistance to ultra-violet (UV) radiation   |  | UV resistance only in connection with protective shield.   |
| 10.2.5 Lifting   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.6 Mechanical impact   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.7 Inscriptions  |  | Meets the product standard's requirements.   |
| 10.3 Degree of protection of ASSEMBLIES  |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.4 Clearances and creepage distances   |  | Meets the product standard's requirements.   |
| 10.5 Protection against electric shock   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.6 Incorporation of switching devices and components   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.7 Internal electrical circuits and connections  |  | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors   |  | Is the panel builder's responsibility.   |
| 10.9 Insulation properties   |  |  |
| 10.9.2 Power-frequency electric strength   |  | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage   |  | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material   |  | Is the panel builder's responsibility.   |
| 10.10 Temperature rise   |  | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating   |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.12 Electromagnetic compatibility  |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.13 Mechanical function  |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Switch disconnecter (EC000216)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnecter (ec@ss10.0.1-27-37-14-03 [AKF060013])

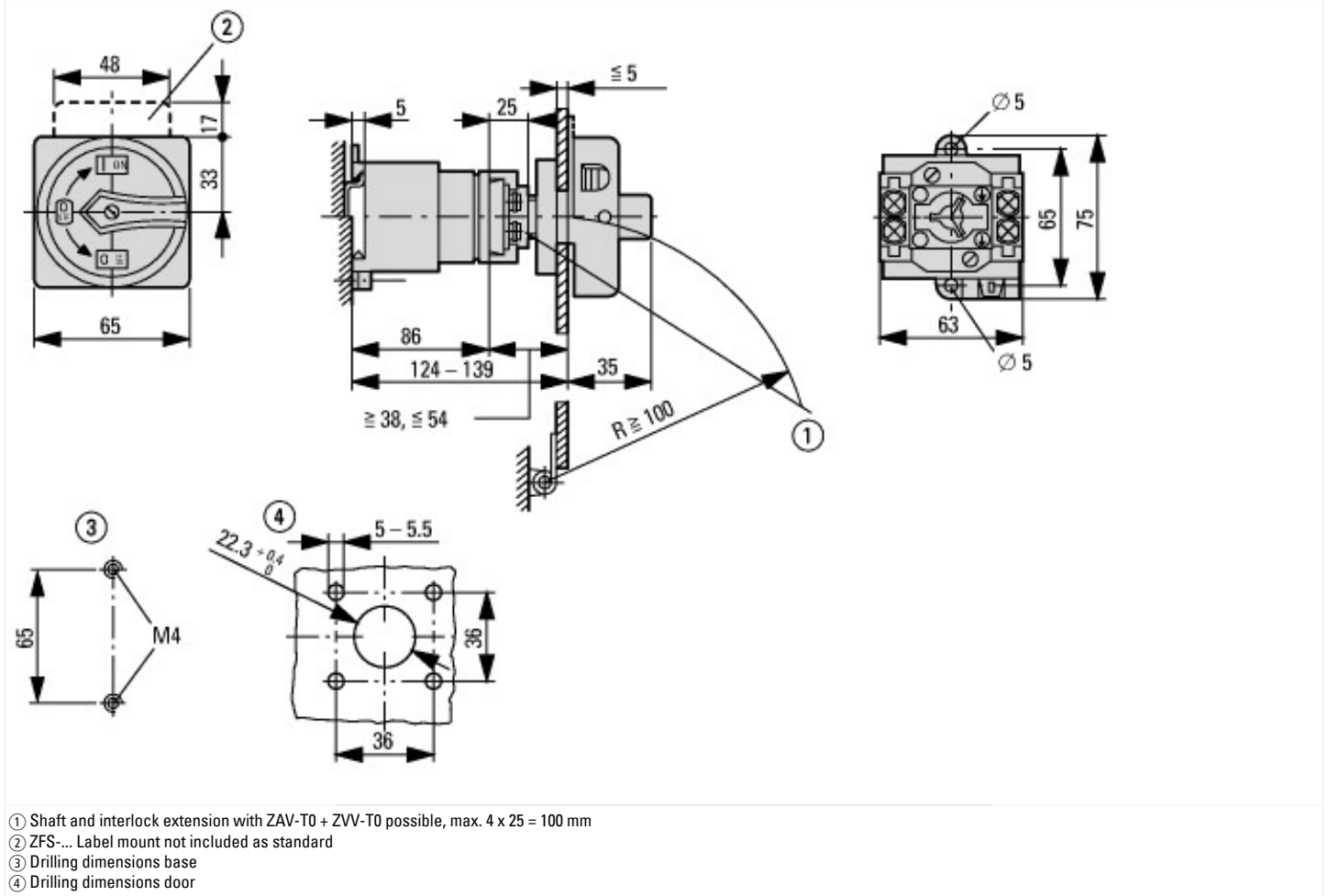
|   |    |  |
|---|----|--|
| Version as main switch                                  |    | Yes                                      |
| Version as maintenance-/service switch                  |    | Yes                                      |
| Version as safety switch                                |    | No                                       |
| Version as emergency stop installation                  |    | No                                       |
| Version as reversing switch                             |    | No                                       |
| Number of switches                                      |    | 1  |
| Max. rated operation voltage Ue AC                      | V  | 690                                      |
| Rated operating voltage                                 | V  | 690 - 690                                |
| Rated permanent current Iu                              | A  | 32                                       |
| Rated permanent current at AC-23, 400 V                 | A  | 32                                       |
| Rated permanent current at AC-21, 400 V                 | A  | 32                                       |
| Rated operation power at AC-3, 400 V                    | kW | 11                                       |
| Rated short-time withstand current Icw                  | kA | 0.65                                     |
| Rated operation power at AC-23, 400 V                   | kW | 15                                       |
| Switching power at 400 V                                | kW | 15                                       |
| Conditioned rated short-circuit current Iq              | kA | 1  |
| Number of poles   |    | 6  |
| Number of auxiliary contacts as normally closed contact |    | 0  |
| Number of auxiliary contacts as normally open contact   |    | 2  |
| Number of auxiliary contacts as change-over contact     |    | 0  |
| Motor drive optional                                    |    | No                                       |
| Motor drive integrated                                  |    | No                                       |
| Voltage release optional                                |    | No                                       |
| Device construction                                     |    | Built-in device fixed built-in technique |
| Suitable for ground mounting                            |    | Yes                                      |
| Suitable for front mounting 4-hole                      |    | No                                       |
| Suitable for front mounting centre                      |    | No                                       |
| Suitable for distribution board installation            |    | No                                       |

|   |  |                            |
|---|--|----------------------------|
| Suitable for intermediate mounting            |  | Yes                        |
| Colour control element                        |  | Black                      |
| Type of control element                       |  | Door coupling rotary drive |
| Interlockable                                 |  | Yes                        |
| Type of electrical connection of main circuit |  | Screw connection           |
| Degree of protection (IP), front side         |  | IP65                       |
| Degree of protection (NEMA)                   |  | 12                         |

## Approvals

|                             |  |  |
|-----------------------------|--|--|
| Product Standards           |  | UL 60947-4-1; CSA - C22.2 No. 60947-4-1-14; CSA-C22.2 No. 94; IEC/EN 60947-3; CE marking |
| UL File No.                 |  | E36332   |
| UL Category Control No.     |  | NLRV   |
| CSA File No.                |  | 12528  |
| CSA Class No.               |  | 3211-05  |
| North America Certification |  | UL listed, CSA certified   |
| Suitable for                |  | Branch circuits, suitable as motor disconnect  |
| Degree of Protection        |  | IEC: IP65; UL/CSA Type 1, 12   |

## Dimensions





**$d = 4 - 8 \text{ mm}$**

**$b + d \leq 47 \text{ mm}$**

**$d = 0.16 - 0.31''$**

**$b + d \leq 1.85''$**

≤ 3 padlocks

### Additional product information (links)

#### IL03801021Z (AWA1150-0587) Cam switches: rear mounting

|  |   |
|--|---|
| IL03801021Z (AWA1150-0587) Cam switches: rear mounting       | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03801021Z2018_05.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03801021Z2018_05.pdf</a>                           |
| Display flip catalog page.                                   | <a href="http://ecat.moeller.net/flip-cat/?edition=K115A&amp;startpage=41">http://ecat.moeller.net/flip-cat/?edition=K115A&amp;startpage=41</a>   |
| Technical overview cam switch, switch-disconnector           | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.2">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.2</a>                                     |
| System overview cam switch T                                 | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.4">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.4</a>                                     |
| System overview switch-disconnector P                        | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.6">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.6</a>                                     |
| Key to part numbers Cam switch                               | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8</a>                                     |
| Key to part numbers Switch-disconnector                      | <a href="http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8">http://de.ecat.moeller.net/flip-cat/?edition=HPLTEv1&amp;startpage=4.8</a>                                     |
| Switches for ATEX  | <a href="http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html">http://www.coopercrouse-hinds.eu/en/products/25-ex-safety-and-main-current-switches.html</a> |
| Ordering form for SOND switches and SOND front plates(DE_EN) | <a href="ftp://ftp.moeller.net/DOCUMENTATION/PDF/MZ008005ZU_Orderform_Customized_Switch.pdf">ftp://ftp.moeller.net/DOCUMENTATION/PDF/MZ008005ZU_Orderform_Customized_Switch.pdf</a>             |
| Ordering form for SOND switches and SOND front plates(DE_EN) | <a href="ftp://ftp.moeller.net/DOCUMENTATION/PDF/MZ008006ZU_Orderform_Customized_Switch.pdf">ftp://ftp.moeller.net/DOCUMENTATION/PDF/MZ008006ZU_Orderform_Customized_Switch.pdf</a>             |