





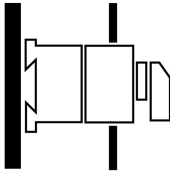
**On-Off switch, 6 pole + 2 N/O, 20 A, 90 °, service distribution board mounting**

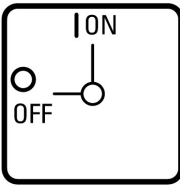
**Part no.** T0-4-15700/IVS  
**Article no.** 013766



Similar to illustration

## Delivery program

| Product range   |   |     | On-Off switch  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
|---|---|-----|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|----|---|---|
| Part group reference  |   |     | T0   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
|   |   |     | with black thumb grip and front plate  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| Number of poles   |   |     | 6 pole   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| <b>Auxiliary contacts</b>   |   |     |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
|  |   | N/O | 2  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
|  |   | N/C | 0  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| Degree of Protection  |   |     | Front IP30   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| Design  |   |     | service distribution board mounting  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
|   |   |     |    |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| Contact sequence  |   |     | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>0</th> <th>1</th> </tr> </thead> <tbody> <tr><td>1</td><td>○</td><td>✕</td></tr> <tr><td>2</td><td>○</td><td>✕</td></tr> <tr><td>3</td><td>○</td><td>✕</td></tr> <tr><td>4</td><td>○</td><td>✕</td></tr> <tr><td>5</td><td>○</td><td>✕</td></tr> <tr><td>6</td><td>○</td><td>✕</td></tr> <tr><td>7</td><td>○</td><td>✕</td></tr> <tr><td>8</td><td>○</td><td>✕</td></tr> <tr><td>9</td><td>○</td><td>✕</td></tr> <tr><td>10</td><td>○</td><td>✕</td></tr> <tr><td>11</td><td>○</td><td>✕</td></tr> <tr><td>12</td><td>○</td><td>✕</td></tr> <tr><td>13</td><td>○</td><td>✕</td></tr> <tr><td>14</td><td>○</td><td>✕</td></tr> <tr><td>23</td><td>○</td><td>✕</td></tr> <tr><td>24</td><td>○</td><td>✕</td></tr> </tbody> </table> |  | 0 | 1 | 1 | ○ | ✕ | 2 | ○ | ✕ | 3 | ○ | ✕ | 4 | ○ | ✕ | 5 | ○ | ✕ | 6 | ○ | ✕ | 7 | ○ | ✕ | 8 | ○ | ✕ | 9 | ○ | ✕ | 10 | ○ | ✕ | 11 | ○ | ✕ | 12 | ○ | ✕ | 13 | ○ | ✕ | 14 | ○ | ✕ | 23 | ○ | ✕ | 24 | ○ | ✕ |
|   | 0 | 1   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 1   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 2   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 3   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 4   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 5   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 6   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 7   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 8   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 9   | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 10  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 11  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 12  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 13  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 14  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 23  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| 24  | ○ | ✕   |  |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| Switching angle   |   | °   | 90   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |
| Switching performance   |   |     | maintained   |  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |    |   |   |

|  |       |                 |  |   |
|--|-------|-----------------|--|---|
| Front plate no.                        |       |                 |  |  |
|  |       |                 |  | <b>FS 908</b>   |
| front plate                            |       |                 |  | 0-1   |
| <b>Motor rating AC-23A, 50 - 60 Hz</b> |       |                 |  |   |
| 400 V                                  | P     | kW              |  | 5.5   |
| Rated uninterrupted current            | $I_u$ | A               |  | 20  |
| 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  |
| Overvoltage category/pollution degree                                 |           |      |  | III/3  |
| Rated impulse withstand voltage                                       | $U_{imp}$ | V AC |  | 6000   |
| Mechanical shock resistance   |           | g    |  | 15   |
| Mounting position   |           |      |  | As required  |
| Protection against direct contact when actuated from front (EN 50274) |           |      |  | Finger and back-of-hand proof  |

### 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            |  | 20   |
| 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      |  | 20   |
| Rated short-time withstand current (1 s current)    | $I_{cw}$ | $A_{rms}$    |  | 320  |
| Note on rated short-time withstand current $I_{cw}$ |          |              |  | Current for a time of 1 second   |
| Rated conditional short-circuit current             | $I_q$    | kA           |  | 6  |

### Switching capacity

|   |  |   |  |     |
|---|--|---|--|-----|
| $\cos \varphi$ rated making capacity as per IEC 60947-3 |  | A |  | 130 |
| Rated breaking capacity $\cos \varphi$ to IEC 60947-3   |  | A |  |     |
| 230 V   |  | A |  | 100 |
| 400/415 V   |  | A |  | 110 |
| 500 V   |  | A |  | 80  |
| 690 V   |  | A |  | 60  |
| Safe isolation to EN 61140                              |  |   |  |     |

|  |              |               |       |
|--|--------------|---------------|-------|
| between the contacts   |              | V AC          | 440   |
| Current heat loss per contact at $I_e$                         |              | W             | 0.6   |
| Current heat loss per auxiliary circuit at $I_e$ (AC-15/230 V) |              | CO            | 0.6   |
| Lifespan, mechanical   | Operations   | $\times 10^6$ | > 0.4 |
| Maximum operating frequency                                    | Operations/h |               | 1200  |
| <b>AC</b>  |              |               |       |
| <b>AC-3</b>  |              |               |       |
| Rating, motor load switch                                      | P            | kW            |       |
| 220 V 230 V  | P            | kW            | 3     |
| 230 V Star-delta   | P            | kW            | 5.5   |
| 400 V 415 V  | P            | kW            | 5.5   |
| 400 V Star-delta   | P            | kW            | 7.5   |
| 500 V  | P            | kW            | 5.5   |
| 500 V Star-delta   | P            | kW            | 7.5   |
| 690 V  | P            | kW            | 4     |
| 690 V Star-delta   | P            | kW            | 5.5   |
| Rated operational current motor load switch                    |              |               |       |
| 230 V  | $I_e$        | A             | 11.5  |
| 230 V star-delta   | $I_e$        | A             | 20    |
| 400V 415 V   | $I_e$        | A             | 11.5  |
| 400 V star-delta   | $I_e$        | A             | 20    |
| 500 V  | $I_e$        | A             | 9     |
| 500 V star-delta   | $I_e$        | A             | 15.6  |
| 690 V  | $I_e$        | A             | 4.9   |
| 690 V star-delta   | $I_e$        | A             | 8.5   |
| <b>AC-21A</b>  |              |               |       |
| Rated operational current switch                               |              |               |       |
| 440 V  | $I_e$        | A             | 20    |
| <b>AC-23A</b>  |              |               |       |
| Motor rating AC-23A, 50 - 60 Hz                                | P            | kW            |       |
| 230 V  | P            | kW            | 3     |
| 400 V 415 V  | P            | kW            | 5.5   |
| 500 V  | P            | kW            | 7.5   |
| 690 V  | P            | kW            | 5.5   |
| Rated operational current motor load switch                    |              |               |       |
| 230 V  | $I_e$        | A             | 13.3  |
| 400 V 415 V  | $I_e$        | A             | 13.3  |
| 500 V  | $I_e$        | A             | 13.3  |
| 690 V  | $I_e$        | A             | 7.6   |
| <b>DC</b>  |              |               |       |
| <b>DC-1, Load-break switches L/R = 1 ms</b>                    |              |               |       |
| Rated operational current                                      | $I_e$        | A             | 10    |
| Voltage per contact pair in series                             |              | V             | 60    |
| <b>DC-21A</b>  |              |               |       |
| Rated operational current                                      | $I_e$        | A             | 1     |
| Contacts   |              | Quantity      | 1     |
| <b>DC-23A, motor load switch L/R = 15 ms</b>                   |              |               |       |
| <b>24 V</b>  |              |               |       |
| Rated operational current                                      | $I_e$        | A             | 10    |
| Contacts   |              | Quantity      | 1     |
| <b>48 V</b>  |              |               |       |
| Rated operational current                                      | $I_e$        | A             | 10    |
| Contacts   |              | Quantity      | 2     |

|   |                   |          |  |
|---|-------------------|----------|--|
| 60 V  |                   |          |  |
| Rated operational current                     | $I_e$             | A        | 10   |
| Contacts                                      |                   | Quantity | 3  |
| 120 V   |                   |          |  |
| Rated operational current                     | $I_e$             | A        | 5  |
| Contacts                                      |                   | Quantity | 3  |
| 240 V   |                   |          |  |
| Rated operational current                     | $I_e$             | A        | 5  |
| Contacts                                      |                   | Quantity | 5  |
| DC-13, Control switches L/R = 50 ms           |                   |          |  |
| Rated operational current                     | $I_e$             | A        | 10   |
| Voltage per contact pair in series            |                   | V        | 32   |
| Control circuit reliability at 24 V DC, 10 mA | Fault probability | $H_F$    | $< 10^{-5}$ , < 1 fault in 100000 operations |

### Terminal capacities

|                                     |  |               |                                      |
|-------------------------------------|--|---------------|--------------------------------------|
| Solid or stranded                   |  | $\text{mm}^2$ | 1 x (1 - 2,5)<br>2 x (1 - 2,5)       |
| Flexible with ferrules to DIN 46228 |  | $\text{mm}^2$ | 1 x (0.75 - 2.5)<br>2 x (0.75 - 2.5) |
| Terminal screw                      |  |               | M3.5                                 |
| Max. tightening torque              |  | Nm            | 1                                    |

### Technical safety parameters:

|       |  |  |   |
|-------|--|--|---|
| Notes |  |  | B10 <sub>d</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                              | $I_U$ | A     | 16             |
| Auxiliary contacts                       |       |       |                |
| General Use                              | $I_U$ | A     | 10             |
| Pilot Duty                               |       |       | A 600<br>P 600 |
| Switching capacity                       |       |       |                |
| Maximum motor rating                     |       |       |                |
| Single-phase                             |       |       |                |
| 120 V AC                                 |       | HP    | 0.5            |
| 200 V AC                                 |       | HP    | 1              |
| 240 V AC                                 |       | HP    | 1.5            |
| Three-phase                              |       |       |                |
| 200 V AC                                 |       | HP    | 3              |
| 240 V AC                                 |       | HP    | 3              |
| 480 V AC                                 |       | HP    | 7.5            |
| 600 V AC                                 |       | HP    | 7.5            |
| Short Circuit Current Rating             |       | SCCR  |                |
| Basic Rating                             |       | kA    | 5              |
| max. Fuse                                |       | A     | 50             |
| High fault rating                        |       | kA    | 10             |
| max. Fuse                                |       | A     | 20, Class J    |
| Terminal capacity                        |       |       |                |
| Solid or flexible conductor with ferrule |       | AWG   | 18 - 14        |
| Terminal screw                           |       |       | M3.5           |
| Tightening torque                        |       | lb-in | 8.8            |

### Design verification as per IEC/EN 61439

|  |       |   |    |
|--|-------|---|----|
| Technical data for design verification                   |       |   |    |
| Rated operational current for specified heat dissipation | $I_n$ | A | 20 |

|  |            |    |  |
|--|------------|----|--|
| Heat dissipation per pole, current-dependent   | $P_{vid}$  | W  | 0.6  |
| 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   |            |    | Meets the product standard's requirements.   |
| 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 6.0

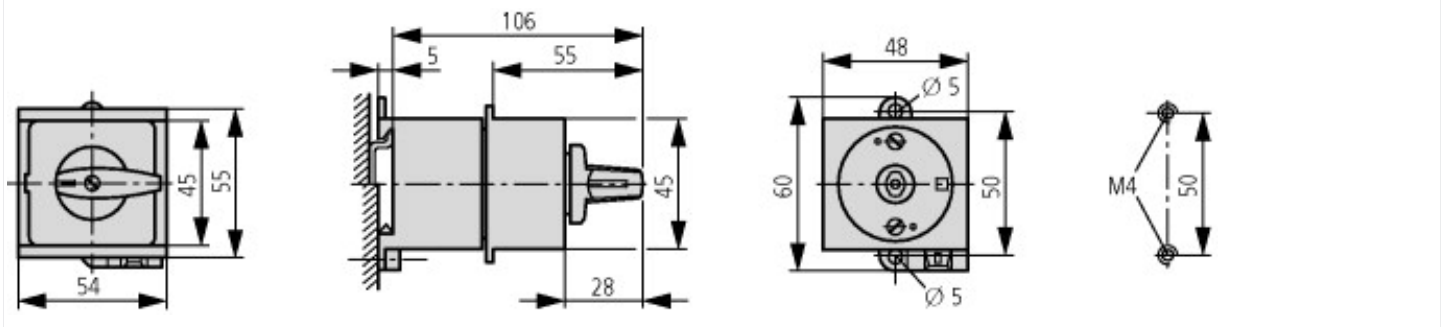
|   |  |    |           |
|---|--|----|-----------|
| Low-voltage industrial components (EG000017) / Switch disconnecter (EC000216)   |  |    |           |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Switch disconnecter (ec@ss8.1-27-37-14-03 [AKF060010]) |  |    |           |
| Version as main switch  |  |    | No        |
| Version as maintenance-/service switch  |  |    | No        |
| Version as safety switch  |  |    | No        |
| Version as emergency stop installation  |  |    | No        |
| Version as reversing switch   |  |    | No        |
| Max. rated operation voltage $U_e$ AC   |  | V  | 690       |
| Rated operating voltage   |  | V  | 690 - 690 |
| Rated permanent current $I_u$   |  | A  | 20        |
| Rated permanent current at AC-21, 400 V   |  | A  | 20        |
| Rated operation power at AC-3, 400 V  |  | kW | 5.5       |
| Rated short-time withstand current $I_{cw}$   |  | kA | 0.32      |
| Rated operation power at AC-23, 400 V   |  | kW | 5.5       |
| Switching power at 400 V  |  | kW | 5.5       |
| Conditioned rated short-circuit current $I_q$   |  | kA | 6         |
| 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 center                  |  | No                                       |
| Suitable for distribution board installation        |  | Yes                                      |
| Suitable for intermediate mounting                  |  | No                                       |
| Colour control element                              |  | Black                                    |
| Type of control element                             |  | Toggle                                   |
| Interlockable                                       |  | No                                       |
| Type of electrical connection of main circuit       |  | Screw connection                         |
| Degree of protection (IP), front side               |  | IP30                                     |

## Approvals

|                             |  |   |
|-----------------------------|--|---|
| Product Standards           |  | UL 508; CSA-C22.2 No. 14-05; 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: IP30; UL/CSA Type: –   |

## Dimensions



## Additional product information (links)

|  |   |
|--|---|
| <b>IL03801006Z (AWA1150-1686) Cam switches: service distribution board</b> |   |
| IL03801006Z (AWA1150-1686) Cam switches: service distribution board        | <a href="ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03801006Z2016_09.pdf">ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL03801006Z2016_09.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> |