# **DATASHEET - T0-3-8451/XZ**



Changeoverswitches, Contacts: 6, 20 A, 45  $^{\circ}$  , rear mounting, Basic switch



Powering Business Worldwide

Part no. T0-3-8451/XZ Catalog No. 013508

EL-Nummer (Norway)

0001456682

# **Delivery program**

| Delivery program                       |                |                    |  |
|--|----------------|--------------------|--|
| Product range                          |                |                    | Control switches   |
| Part group reference                   |                |                    | ТО   |
| Basic function                         |                |                    | Changeoverswitches   |
| Contacts                               |                |                    | 6  |
| Design                                 |                |                    | rear mounting<br>Basic switch  |
| Contact sequence                       |                |                    |  |
| Switching angle                        |                | 0                  | 45   |
| Design number                          |                |                    | 8451   |
| Front plate no.                        |                |                    | FS 644   |
| Motor rating AC-23A, 50 - 60 Hz        |                |                    |  |
| 400 V                                  | P              | kW                 | 5.5  |
| Rated uninterrupted current            | I <sub>u</sub> | Α                  | 20   |
| Note on rated uninterrupted current !u |                |                    | Rated uninterrupted current $\mathbf{I}_{\mathbf{u}}$ is specified for max. cross-section. |
| Number of contact units                |                | contact<br>unit(s) | 3  |

## **Technical data**

#### General

| General                               |                  |      |   |
|---------------------------------------|------------------|------|---|
| Standards                             |                  |      | IEC/EN 60947, VDE 0660, IEC/EN 60204<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 <sub>imp</sub> | V AC | 6000  |
| Mechanical shock resistance           |                  | g    | 15  |
| Mounting position                     |                  |      | As required   |
| Contacts                              |                  |      |   |
| Electrical characteristics            |                  |      |   |
| Potod aparational valtage             | 11               | V AC | con   |

| Electrical characteristics  |                |                  |  |
|---|----------------|------------------|--|
| Rated operational voltage   | U <sub>e</sub> | V AC             | 690  |
| Rated uninterrupted current   | l <sub>u</sub> | Α                | 20   |
| Note on rated uninterrupted current $\boldsymbol{!}_{\boldsymbol{u}}$ |                |                  | Rated uninterrupted current $\mathbf{I}_{\mathbf{U}}$ is specified for max. cross-section. |
| Load rating with intermittent operation, class 12                     |                |                  |  |
| AB 25 % DF  |                | x I <sub>e</sub> | 2  |
| AB 40 % DF  |                | x I <sub>e</sub> | 1.6  |

| A 6 8 5 0 F   Short-circuit rating   Fise  |  |
|--|--|
| Fuse         A 60/04         20           Rated short-time withstand current [1 s current]         Icw         Arms         20           Note on rated short-time withstand current [2 with time withstand current [2] with time with stand current [2] with time with stand with with with time with stand with with with with with with with with  |  |
| Rated short-time withstand current (low         I <sub>cov</sub> A <sub>max</sub> 20           Nate on rated short-time withstand current (low)         Iq         x         Current for a time of 1 second           Rated conditional short-circuit current         Iq         x         X           Switching capacity         See rated making capacity as per IEC 60947-3         A         130           220 V         A         10           400415 V         A         10           550 V         B         A         10           650 V         A         10         4           650 V         B         A         10           Current beat loss per contact st         VAC         40           Current beat loss per contact at I <sub>0</sub> Operations         VAC         40           Maximum operating frequency         Operations         YAC         40           AC-3         B         3         3           Reting, motor load switch         P         KW         5           AC 20 V Sur-delta         P  |  |
| Note on rated short-time withstand current (cw         Iq         NA         6           Rated conditional short-circuit current         Iq         NA         6           Switching capacity sper IEC 60947-3         A         130           Rated breaking capacity as per IEC 60947-3         A         100           400415 V         A         110           500 V         A         60           Current heat loss per contact at I <sub>0</sub> VX         A           Current heat loss per auxiliary circuit at I <sub>0</sub> (AC-15/230 V)         C         0           Maximum operating frequency         Operations         x 10 <sup>8</sup> > 0.4           AC-3         1         200         2           AC-3         2         2         2         2         2         2         2         2         2         2  |  |
| Rated conditional short-circuit current   Iq   KA   E  |  |
| Switching capacity           cos or rated making capacity as per IEC 60947-3         A         130           Rated breaking capacity cos o to IEC 60947-3         A         100           400415 V         A         110           500 V         B         A         80           680 V         B         B         B           Safe isolation to EN 61140         VAC         440         B           between the contacts         VAC         40         B           Current heat loss per contact at I <sub>0</sub> VAC         40         B           Current heat loss per auxiliary circuit at I <sub>0</sub> (AC-15/230 V)         C         0         0           Maximum operating frequency         Operations         x 1g8         > 0.4           Maximum operating frequency         Operations         x 1g8         > 0.4           AC-3         Bating, motor load switch         P         kW         5.5           230 V Star-delta         P         kW         5.5           400 V Star-delta         P         kW         5.5           500 V Star-delta         P         kW         5.5           690 V         P         kW         5.5           690 V Star-delta         P  |  |
| ccs or rated making capacity as per IEC 60947-3         A         30           Rate breaking capacity cos q to IEC 60947-3         A         100           400415 V         A         10           500 V         A         80           690 V         A         80           Safe isolation to EN 61140         V         V           between the contacts         V         V         40           Current heat loss per contact at I <sub>0</sub> V         V         0           Current heat loss per auxiliary circuit at I <sub>0</sub> (AC-15/230 V)         Operations         X 16°         >0           AC-3         S         V         V         0           Basing, motor load switch         P         WW         5         0           AC-3         S         V         V         5           AC-3         W         5         0           AC-3         W         5         0           AC-3         W         5         0   |  |
| Rated breaking capacity cos φ to IEC 60947-3         A         100           220 V         400415 V         A         110           500 V         A         80           690 V         A         60           Safe isolation to EN 61140         V         C           between the contacts         VAC         440           Current heat loss per contact at I <sub>0</sub> W         0.6           Current heat loss per auxiliary circuit at I <sub>0</sub> (AC-15/230 V)         CO         0.6           Lifespan, mechanical         Operations, h         1200           AC-3         Rating, motor load switch         P         kW         3           2 230 V 230 V         P         kW         3.5           4 000 V 315 V         P         kW         5.5           4 000 V 51ar-delta         P         kW         5.5           500 V         P         kW         5.5           500 V Star-delta         P         kW         7.5           690 V Star-delta         P         kW         5.5           690 V Star-delta         P         kW         5.5           690 V Star-delta         P         kW         5.5           690 V Star-delta         P <td></td>   |  |
| 230 V  |  |
| A00/415 \  |  |
| Solicy   S |  |
| Egg  |  |
| Safe isolation to EN 61140         VAC         440           between the contacts         VAC         440           Current heat loss per contact at I <sub>e</sub> VAC         0.6           Current heat loss per auxiliary circuit at I <sub>e</sub> (AC-15/230 V)         Operations/         x 10 <sup>6</sup> > 0.4           Maximum operating frequency         Operations/         1200           AC-3         AC-3         AC-3         AC-3         AC-3           Rating, motor load switch         P         kW         3         AC-3           220 V 230 V         P         kW         5.5         AC-3           400 V 415 V         P         kW         5.5         AC-3           400 V 5tar-delta         P         kW         7.5         AC-3           500 V         P         kW         7.5         AC-3   |  |
| between the contacts         V AC         440           Current heat loss per contact at I <sub>θ</sub> W         0.6           Current heat loss per auxiliary circuit at I <sub>θ</sub> (AC-15/230 V)         CO         0.6           Lifespan, mechanical         Operations x 10 <sup>6</sup> > 0.4           Maximum operating frequency         Operations x 10 <sup>6</sup> > 0.4           AC-3         I 200           AC-3         V W         I 200           AC-3         V W         I W           220 V 230 V         P         kW         3           230 V Star-delta         P         kW         3.5           400 V 415 V         P         kW         5.5           400 V Star-delta         P         kW         7.5           500 V         P         kW         7.5           500 V Star-delta         P         kW         7.5           690 V Star-delta         P         kW         7.5           Rated operational current motor load switch         P         kW         5.5           Rated operational current motor load switch         P         kW         5.5           Rated operational current motor load switch         I <sub>e</sub> A         11.5           230 V  |  |
| Current heat loss per contact at I <sub>0</sub> W         0.6           Current heat loss per auxiliary circuit at I <sub>0</sub> (AC-15/230 V)         CO         0.6           Lifespan, mechanical         Operations/x         x 10 <sup>6</sup> > 0.4           Maximum operating frequency         Operations/x         1200           AC-3         Value         1200           Rating, motor load switch         P         kW         3           220 V 230 V         P         kW         5.5           400 V 415 V         P         kW         5.5           400 V 5tar-delta         P         kW         7.5           500 V         P         kW         5.5           500 V Star-delta         P         kW         7.5           690 V         P         kW         7.5           690 V         P         kW         7.5           Rated operational current motor load switch         P         kW         5.5           Rated operational current motor load switch         I <sub>0</sub> A         11.5           230 V star-delta         I <sub>0</sub> A         11.5           400 V 415 V         I <sub>0</sub> A         10.5           400 V 5tar-delta         I <sub>0</sub> <t< td=""><td></td></t<>  |  |
| Current heat loss per auxiliary circuit at I <sub>e</sub> (AC-15/230 V)         CO         0.6           Lifespan, mechanical         Operations         x 10.6         > 0.4           Maximum operating frequency         Operations/h         1200           AC-3         Taxing, 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         5.5           500 V Star-delta         P         kW         7.5           690 V Star-delta         P         kW         4           690 V Star-delta         P         kW         5.5           Rated operational current motor load switch         P         kW         5.5           Rated operational current motor load switch         I <sub>e</sub> A         11.5           230 V star-delta         I <sub>e</sub> A         20           400 V 415 V         I <sub>e</sub> A         20           400 V 5tar-delta         I <sub>e</sub> A         20   |  |
| Lifespan, mechanical       Operations / Maximum operating frequency       Value       > 0.4         AC - 3       Rating, motor load switch       P       kW       W         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       7.5         500 V Star-delta       P       kW       7.5         690 V Star-delta       P       kW       5.5         Rated operational current motor load switch       P       kW       4         230 V star-delta       Ie       A       11.5         230 V star-delta       Ie       A       20         400 V 415 V       Ie       A       20  |  |
| Maximum operating frequency       Operations/h       1200         AC-3       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       7.5         400 V Star-delta       P       kW       7.5         500 V       P       kW       7.5         690 V       P       kW       4         690 V Star-delta       P       kW       5.5         Rated operational current motor load switch       P       kW       5.5         Rated operational current motor load switch       Ie       A       11.5         230 V       Ie       A       20         400 V 415 V       Ie       A       11.5         400 V 5tar-delta       Ie       A       11.5         400 V 5tar-delta <t< td=""><td></td></t<>  |  |
| Maximum operating frequency       Operations/h       1200         AC-3       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       7.5         400 V Star-delta       P       kW       7.5         500 V       P       kW       7.5         690 V       P       kW       4         690 V Star-delta       P       kW       5.5         Rated operational current motor load switch       P       kW       5.5         Rated operational current motor load switch       Ie       A       11.5         230 V       Ie       A       20         400 V 415 V       Ie       A       11.5         400 V 5tar-delta       Ie       A       11.5         400 V 5tar-delta <t< td=""><td></td></t<>  |  |
| AC       AC-3       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       7.5         690 V       P       kW       4         690 V Star-delta       P       kW       5.5         Rated operational current motor load switch       P       kW       5.5         Rated operational current motor load switch       Ie       A       11.5         230 V star-delta       Ie       A       20         400 V 415 V       Ie       A       11.5         400 V star-delta       Ie       A       20  |  |
| AC-3       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       Ie       A       11.5         230 V       Ie       A       20         400 V 415 V       Ie       A       11.5         400 V star-delta       Ie       A       11.5         400 V star-delta       Ie       A       11.5         400 V star-delta       Ie       A       20   |  |
| 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       7.5         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       Ie       A       11.5         230 V       Ie       A       20         400 V 415 V       Ie       A       11.5         400 V star-delta       Ie       A       11.5         400 V star-delta       Ie       A       11.5   |  |
| 220 V 230 V 230 V Star-delta P   |  |
| 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 7.5  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  |  |
| 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 le A 11.5  230 V star-delta le A 20  400 V star-delta le A 20  |  |
| 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 <sub>e</sub> A 11.5  230 V star-delta I <sub>e</sub> A 20  400 V Star-delta I <sub>e</sub> A 20  |  |
| 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       Ie       A       11.5         230 V       Star-delta       Ie       A       20         400 V star-delta       Ie       A       11.5         400 V star-delta       Ie       A       20   |  |
| 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   |  |
| 690 V       P       kW       4         690 V Star-delta       P       kW       5.5         Rated operational current motor load switch       Ie       A       11.5         230 V       Ie       A       20         400 V star-delta       Ie       A       11.5         400 V star-delta       Ie       A       20   |  |
| 690 V Star-delta       P       kW       5.5         Rated operational current motor load switch         230 V       I <sub>e</sub> A       11.5         230 V star-delta       I <sub>e</sub> A       20         400 V 415 V       I <sub>e</sub> A       11.5         400 V star-delta       I <sub>e</sub> A       20  |  |
| Rated operational current motor load switch       Ie       A       11.5         230 V star-delta       Ie       A       20         400 V star-delta       Ie       A       11.5         400 V star-delta       Ie       A       20   |  |
| 230 V       I <sub>e</sub> A       11.5         230 V star-delta       I <sub>e</sub> A       20         400V 415 V       I <sub>e</sub> A       11.5         400 V star-delta       I <sub>e</sub> A       20   |  |
| 230 V star-delta   |  |
| 400V 415 V   |  |
| 400 V star-delta I <sub>e</sub> A 20   |  |
| · · · · · · · · · · · · · · · · · · ·  |  |
|  |  |
| 500 V I <sub>e</sub> A 9   |  |
| 500 V star-delta I <sub>e</sub> A 15.6   |  |
| 690 V I <sub>e</sub> A 4.9   |  |
| 690 V star-delta I <sub>e</sub> A 8.5  |  |
| AC-21A   |  |
| Rated operational current switch   |  |
| 440 V I <sub>e</sub> A 20  |  |
| AC-23A   |  |
| 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  |  |
|  |  |
|  |  |
| 400 V 415 V I <sub>e</sub> A 13.3  |  |
| 500 V I <sub>e</sub> A 13.3  |  |
| 690 V I <sub>e</sub> A 7.6   |  |
| DC C   |  |

| DC-1, Load-break switches L/R = 1 ms            |                   |                 |   |
|---|-------------------|-----------------|---|
| Rated operational current                       | I <sub>e</sub>    | Α               | 10  |
| Voltage per contact pair in series              |                   | V               | 60  |
| DC-21A  | I <sub>e</sub>    | Α               |   |
| Rated operational current                       | I <sub>e</sub>    | Α               | 1   |
| Contacts  |                   | Quantity        | 1   |
| DC-23A, motor load switch $L/R = 15 \text{ ms}$ |                   |                 |   |
| 24 V  |                   |                 |   |
| Rated operational current                       | I <sub>e</sub>    | Α               | 10  |
| Contacts  |                   | Quantity        | 1   |
| 48 V  |                   |                 |   |
| Rated operational current                       | I <sub>e</sub>    | Α               | 10  |
| Contacts  |                   | Quantity        | 2   |
| 60 V  |                   |                 |   |
| Rated operational current                       | I <sub>e</sub>    | Α               | 10  |
| Contacts  |                   | Quantity        | 3   |
| 120 V   |                   |                 |   |
| Rated operational current                       | l <sub>e</sub>    | Α               | 5   |
| Contacts  |                   | Quantity        | 3   |
| 240 V   |                   |                 |   |
| Rated operational current                       | I <sub>e</sub>    | Α               | 5   |
| Contacts  |                   | Quantity        | 5   |
| DC-13, Control switches L/R = 50 ms             |                   |                 |   |
| Rated operational current                       | I <sub>e</sub>    | Α               | 10  |
| Voltage per contact pair in series              |                   | V               | 32  |
| Control circuit reliability at 24 V DC, 10 mA   | Fault probability | H <sub>F</sub>  | $< 10^{-5}, < 1$ fault in 100000 operations             |
| Terminal capacities                             |                   |                 |   |
| Solid or stranded                               |                   | mm <sup>2</sup> | 1 x (1 - 2,5)<br>2 x (1 - 2,5)                          |
| Flexible with ferrules to DIN 46228             |                   | mm <sup>2</sup> | 1 x (0.75 - 2.5)<br>2 x (0.75 - 2.5)                    |
| Terminal screw                                  |                   |                 | M3.5  |
| Tightening torque for terminal screw            |                   | Nm              | 1   |
| Technical safety parameters:                    |                   |                 | 51100 mm - 1 1 5:                                       |
| Notes   |                   |                 | B10 <sub>d</sub> values as per EN ISO 13849-1, table C1 |
| Rating data for approved types                  |                   |                 |   |
| Terminal capacity                               |                   |                 | Mor   |
| Terminal screw                                  |                   |                 | M3.5  |

# Design verification as per IEC/EN 61439

| 200.g.: 1010ao ao por 120, 211 or 100  |                   |    |  |
|--|-------------------|----|--|
| Technical data for design verification   |                   |    |  |
| Rated operational current for specified heat dissipation   | In                | Α  | 20   |
| Heat dissipation per pole, current-dependent   | P <sub>vid</sub>  | W  | 0.6  |
| Equipment heat dissipation, current-dependent  | P <sub>vid</sub>  | W  | 0  |
| Static heat dissipation, non-current-dependent   | $P_{vs}$          | W  | 0  |
| Heat dissipation capacity  | P <sub>diss</sub> | 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. |

| 4004D 1  | inc  |
|--|--|
| 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) / Off-load switch (EC001105)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Changeover switch (ecl@ss10.0.1-27-37-14-05 [AKF062013])

| Model   |    |    | Reverser         |
|---|----|----|------------------|
| Number of poles   |    |    | 3                |
| With 0 (off) position                                   |    |    | Yes              |
| With retraction in 0-position                           |    |    | No               |
| Rated permanent current lu                              | A  | 4  | 20               |
| Rated operation current le at AC-3, 400 V               | A  | A  | 11.5             |
| Rated operation power at AC-3, 400 V                    | k¹ | :W | 4                |
| Degree of protection (IP), front side                   |    |    | IP65             |
| Degree of protection (NEMA), front side                 |    |    | Other            |
| Number of auxiliary contacts as normally closed contact |    |    | 0                |
| Number of auxiliary contacts as normally open contact   |    |    | 0                |
| Number of auxiliary contacts as change-over contact     |    |    | 0                |
| Suitable for ground mounting                            |    |    | Yes              |
| Suitable for front mounting 4-hole                      |    |    | No               |
| Suitable for distribution board installation            |    |    | No               |
| Suitable for intermediate mounting                      |    |    | Yes              |
| Complete device in housing                              |    |    | No               |
| Material housing  |    |    | Plastic          |
| Type of control element                                 |    |    | Other            |
| Type of electrical connection of main circuit           |    |    | Screw connection |

# Assets (links)

**Declaration of CE Conformity** 00003075