

**Contactor, 380 V 400 V 4 kW, 2 N/O, 2 NC, 24 V DC, DC operation, Screw terminals**

**Part no.** DILM9-22(24VDC)  
**Catalog No.** 106368  
**Alternate Catalog No.** XTCE009B22TD

## Delivery program

|                      |  |  |                                                                                                                                                                                                                                   |
|----------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product range        |  |  | Contactors                                                                                                                                                                                                                        |
| Application          |  |  | Contactors for Motors                                                                                                                                                                                                             |
| Subrange             |  |  | Complete devices up to 170 A                                                                                                                                                                                                      |
| Utilization category |  |  | AC-1: Non-inductive or slightly inductive loads, resistance furnaces<br>AC-3/AC-3e: Normal AC induction motors: Starting, switching off while running<br>AC-4: Normal AC induction motors: starting, plugging, reversing, inching |
| Connection technique |  |  | Screw terminals                                                                                                                                                                                                                   |
| Notes                |  |  | Also suitable for motors with efficiency class IE3.<br>Also tested according to AC-3e.                                                                                                                                            |

## Rated operational current

|                                                           |                                  |   |    |
|-----------------------------------------------------------|----------------------------------|---|----|
| AC-3                                                      |                                  |   |    |
| 380 V 400 V                                               | I <sub>e</sub>                   | A | 9  |
| AC-1                                                      |                                  |   |    |
| Conventional free air thermal current, 3 pole, 50 - 60 Hz |                                  |   |    |
| Open                                                      |                                  |   |    |
| at 40 °C                                                  | I <sub>th</sub> = I <sub>e</sub> | A | 22 |
| enclosed                                                  | I <sub>th</sub>                  | A | 18 |
| Conventional free air thermal current, 1 pole             |                                  |   |    |
| open                                                      | I <sub>th</sub>                  | A | 50 |
| enclosed                                                  | I <sub>th</sub>                  | A | 45 |

## Max. rating for three-phase motors, 50 - 60 Hz

|             |   |    |     |
|-------------|---|----|-----|
| AC-3        |   |    |     |
| 220 V 230 V | P | kW | 2.5 |
| 380 V 400 V | P | kW | 4   |
| 660 V 690 V | P | kW | 4.5 |
| AC-4        |   |    |     |
| 220 V 230 V | P | kW | 1.5 |
| 380 V 400 V | P | kW | 2.5 |
| 660 V 690 V | P | kW | 3.6 |

## Contacts

|                       |  |  |                                                                                           |
|-----------------------|--|--|-------------------------------------------------------------------------------------------|
| N/O = Normally open   |  |  | 2 N/O                                                                                     |
| N/C = Normally closed |  |  | 2 NC                                                                                      |
| <b>Instructions</b>   |  |  | Contacts to EN 50 012.<br>Integrated varistor suppressor circuit.<br>with mirror contact. |
| Actuating voltage     |  |  | 24 V DC                                                                                   |
| Voltage AC/DC         |  |  | DC operation                                                                              |

## Technical data

### General

|                                 |              |                   |                                                                                |
|---------------------------------|--------------|-------------------|--------------------------------------------------------------------------------|
| Standards                       |              |                   | IEC/EN 60947, VDE 0660, UL, CSA                                                |
| Lifespan, mechanical            |              |                   |                                                                                |
| DC operated                     | Operations   | x 10 <sup>6</sup> | 10                                                                             |
| Operating frequency, mechanical |              |                   |                                                                                |
| DC operated                     | Operations/h |                   | 5000                                                                           |
| Climatic proofing               |              |                   | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |

|                                                                       |  |                 |                                      |
|-----------------------------------------------------------------------|--|-----------------|--------------------------------------|
| Ambient temperature                                                   |  |                 |                                      |
| Open                                                                  |  | °C              | -25 - +60                            |
| Enclosed                                                              |  | °C              | - 25 - 40                            |
| Storage                                                               |  | °C              | - 40 - 80                            |
| Mechanical shock resistance (IEC/EN 60068-2-27)                       |  |                 |                                      |
| Half-sinusoidal shock, 10 ms                                          |  |                 |                                      |
| Main contacts                                                         |  |                 |                                      |
| N/O contact                                                           |  | g               | 10                                   |
| Auxiliary contacts                                                    |  |                 |                                      |
| N/O contact                                                           |  | g               | 7                                    |
| N/C contact                                                           |  | g               | 5                                    |
| Mechanical shock resistance (IEC/EN 60068-2-27) when tabletop-mounted |  |                 |                                      |
| Half-sinusoidal shock, 10 ms                                          |  |                 |                                      |
| Main contacts                                                         |  |                 |                                      |
| N/O contact                                                           |  | g               | 5.7                                  |
| Auxiliary contacts                                                    |  |                 |                                      |
| N/O contact                                                           |  | g               | 3.4                                  |
| N/C contact                                                           |  | g               | 3.4                                  |
| Degree of Protection                                                  |  |                 |                                      |
| Protection against direct contact when actuated from front (EN 50274) |  |                 | Finger and back-of-hand proof        |
| Altitude                                                              |  |                 |                                      |
|                                                                       |  | m               | Max. 2000                            |
| Weight                                                                |  |                 |                                      |
| DC operated                                                           |  | kg              | 0.28                                 |
| Screw connector terminals                                             |  |                 |                                      |
| Terminal capacity main cable                                          |  |                 |                                      |
| Solid                                                                 |  | mm <sup>2</sup> | 1 x (0.75 - 4)<br>2 x (0.75 - 2.5)   |
| Flexible with ferrule                                                 |  | mm <sup>2</sup> | 1 x (0.75 - 2.5)<br>2 x (0.75 - 2,5) |
| Solid or stranded                                                     |  | AWG             | single 18 - 10, double 18 - 14       |
| Stripping length                                                      |  | mm              | 10                                   |
| Terminal screw                                                        |  |                 | M3.5                                 |
| Tightening torque                                                     |  | Nm              | 1.2                                  |
| Tool                                                                  |  |                 |                                      |
| Pozidriv screwdriver                                                  |  | Size            | 2                                    |
| Standard screwdriver                                                  |  | mm              | 0.8 x 5.5<br>1 x 6                   |
| Terminal capacity control circuit cables                              |  |                 |                                      |
| Solid                                                                 |  | mm <sup>2</sup> | 1 x (0.75 - 2.5)<br>2 x (0.75 - 2.5) |
| Flexible with ferrule                                                 |  | mm <sup>2</sup> | 1 x (0.75 - 2.5)<br>2 x (0.75 - 2.5) |
| Solid or stranded                                                     |  | AWG             | 18 - 14                              |
| Stripping length                                                      |  | mm              | 10                                   |
| Terminal screw                                                        |  |                 | M3.5                                 |
| Tightening torque                                                     |  | Nm              | 1.2                                  |
| Tool                                                                  |  |                 |                                      |
| Pozidriv screwdriver                                                  |  | Size            | 2                                    |
| Standard screwdriver                                                  |  | mm              | 0.8 x 5.5<br>1 x 6                   |

### Main conducting paths

|                                       |                  |      |       |
|---------------------------------------|------------------|------|-------|
| Rated impulse withstand voltage       | U <sub>imp</sub> | V AC | 8000  |
| Overvoltage category/pollution degree |                  |      | III/3 |
| Rated insulation voltage              | U <sub>i</sub>   | V AC | 690   |
| Rated operational voltage             | U <sub>e</sub>   | V AC | 690   |
| Safe isolation to EN 61140            |                  |      |       |
| between coil and contacts             |                  | V AC | 400   |
| between the contacts                  |                  | V AC | 400   |

|                                        |             |   |     |
|----------------------------------------|-------------|---|-----|
| Making capacity (p.f. to IEC/EN 60947) |             |   |     |
|                                        | Up to 690 V | A | 126 |
| Breaking capacity                      |             |   |     |
| 220 V 230 V                            |             | A | 90  |
| 380 V 400 V                            |             | A | 90  |
| 500 V                                  |             | A | 70  |
| 660 V 690 V                            |             | A | 50  |
| Short-circuit rating                   |             |   |     |
| Short-circuit protection maximum fuse  |             |   |     |
| Type "2" coordination                  |             |   |     |
| 400 V                                  | gG/gL 500 V | A | 20  |
| 690 V                                  | gG/gL 690 V | A | 16  |
| Type "1" coordination                  |             |   |     |
| 400 V                                  | gG/gL 500 V | A | 35  |
| 690 V                                  | gG/gL 690 V | A | 20  |

## AC

|                                                           |                |     |                                                                                       |
|-----------------------------------------------------------|----------------|-----|---------------------------------------------------------------------------------------|
| AC-1                                                      |                |     |                                                                                       |
| Rated operational current                                 |                |     |                                                                                       |
| Conventional free air thermal current, 3 pole, 50 - 60 Hz |                |     |                                                                                       |
| Open                                                      |                |     |                                                                                       |
| at 40 °C                                                  | $I_{th} = I_e$ | A   | 22                                                                                    |
| at 50 °C                                                  | $I_{th} = I_e$ | A   | 21                                                                                    |
| at 55 °C                                                  | $I_{th} = I_e$ | A   | 21                                                                                    |
| at 60 °C                                                  | $I_{th} = I_e$ | A   | 20                                                                                    |
| enclosed                                                  | $I_{th}$       | A   | 18                                                                                    |
| Conventional free air thermal current, 1 pole             |                |     |                                                                                       |
| open                                                      | $I_{th}$       | A   | 50                                                                                    |
| enclosed                                                  | $I_{th}$       | A   | 45                                                                                    |
| AC-3                                                      |                |     |                                                                                       |
| Rated operational current                                 |                |     |                                                                                       |
| Open, 3-pole: 50 – 60 Hz                                  |                |     |                                                                                       |
| Notes                                                     |                |     | At maximum permissible ambient temperature (open.)<br>Also tested according to AC-3e. |
| 220 V 230 V                                               | $I_e$          | A   | 9                                                                                     |
| 240 V                                                     | $I_e$          | A   | 9                                                                                     |
| 380 V 400 V                                               | $I_e$          | A   | 9                                                                                     |
| 415 V                                                     | $I_e$          | A   | 9                                                                                     |
| 440V                                                      | $I_e$          | A   | 9                                                                                     |
| 500 V                                                     | $I_e$          | A   | 7                                                                                     |
| 660 V 690 V                                               | $I_e$          | A   | 5                                                                                     |
| Motor rating                                              | P              | kWh |                                                                                       |
| 220 V 230 V                                               | P              | kW  | 2.5                                                                                   |
| 240V                                                      | P              | kW  | 3                                                                                     |
| 380 V 400 V                                               | P              | kW  | 4                                                                                     |
| 415 V                                                     | P              | kW  | 5.5                                                                                   |
| 440 V                                                     | P              | kW  | 5.5                                                                                   |
| 500 V                                                     | P              | kW  | 4.5                                                                                   |
| 660 V 690 V                                               | P              | kW  | 4.5                                                                                   |
| AC-4                                                      |                |     |                                                                                       |
| Open, 3-pole: 50 – 60 Hz                                  |                |     |                                                                                       |
| 220 V 230 V                                               | $I_e$          | A   | 6                                                                                     |
| 240 V                                                     | $I_e$          | A   | 6                                                                                     |
| 380 V 400 V                                               | $I_e$          | A   | 6                                                                                     |
| 415 V                                                     | $I_e$          | A   | 6                                                                                     |

|              |                |     |     |
|--------------|----------------|-----|-----|
| 440 V        | I <sub>e</sub> | A   | 6   |
| 500 V        | I <sub>e</sub> | A   | 5   |
| 660 V 690 V  | I <sub>e</sub> | A   | 4.5 |
| Motor rating | P              | kWh |     |
| 220 V 230 V  | P              | kW  | 1.5 |
| 240 V        | P              | kW  | 1.6 |
| 380 V 400 V  | P              | kW  | 2.5 |
| 415 V        | P              | kW  | 2.8 |
| 440 V        | P              | kW  | 3   |
| 500 V        | P              | kW  | 2.8 |
| 660 V 690 V  | P              | kW  | 3.6 |

## DC

|                                 |                |   |    |
|---------------------------------|----------------|---|----|
| Rated operational current, open |                |   |    |
| DC-1                            |                |   |    |
| 60 V                            | I <sub>e</sub> | A | 20 |
| 110 V                           | I <sub>e</sub> | A | 20 |
| 220 V                           | I <sub>e</sub> | A | 15 |

## Current heat loss

|                                                   |  |    |     |
|---------------------------------------------------|--|----|-----|
| 3 pole, at I <sub>th</sub> (60°)                  |  | W  | 4.4 |
| Current heat loss at I <sub>e</sub> to AC-3/400 V |  | W  | 0.9 |
| Impedance per pole                                |  | mΩ | 4.6 |

## Magnet systems

|                                                                        |          |                   |                                                                                                                                                                 |
|------------------------------------------------------------------------|----------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Voltage tolerance                                                      |          |                   |                                                                                                                                                                 |
| DC operated                                                            | Pick-up  | x U <sub>c</sub>  | 0.8 - 1.1                                                                                                                                                       |
| Notes                                                                  |          |                   | 0.85 - 1.1 only with auxiliary contact module with 3 or more N/C contacts<br>0.7 – 1.3 without auxiliary contact module and at ambient air temperature + +40 °C |
| DC operated                                                            | Drop-out | x U <sub>c</sub>  | 0.15 - 0.6                                                                                                                                                      |
| Notes                                                                  |          |                   | at least smoothed two-phase bridge rectifier or three-phase rectifier                                                                                           |
| Power consumption of the coil in a cold state and 1.0 x U <sub>S</sub> |          |                   |                                                                                                                                                                 |
| DC operated                                                            | Pick-up  | W                 | 4.5                                                                                                                                                             |
| DC operated                                                            | Sealing  | W                 | 4.5                                                                                                                                                             |
| Duty factor                                                            |          | % DF              | 100                                                                                                                                                             |
| Changeover time at 100 % U <sub>S</sub> (recommended value)            |          |                   |                                                                                                                                                                 |
| Main contacts                                                          |          |                   |                                                                                                                                                                 |
| DC operated                                                            |          | ms                |                                                                                                                                                                 |
| Closing delay                                                          |          | ms                |                                                                                                                                                                 |
| Closing delay                                                          |          | ms                | 31                                                                                                                                                              |
| Opening delay                                                          |          | ms                |                                                                                                                                                                 |
| Opening delay                                                          |          | ms                | 12                                                                                                                                                              |
| Arcing time                                                            |          | ms                | 10                                                                                                                                                              |
| Lifespan, mechanical; Coil 50/60 Hz                                    |          | x 10 <sup>6</sup> | Mechanical lifespan at 50 Hz approx. 30% lower than under "Technical data, general"                                                                             |

## Electromagnetic compatibility (EMC)

|                       |  |  |               |
|-----------------------|--|--|---------------|
| Emitted interference  |  |  | to EN 60947-1 |
| Interference immunity |  |  | to EN 60947-1 |

## Rating data for approved types

|                      |  |    |     |
|----------------------|--|----|-----|
| Switching capacity   |  |    |     |
| Maximum motor rating |  |    |     |
| Three-phase          |  |    |     |
| 200 V<br>208 V       |  | HP | 3   |
| 230 V<br>240 V       |  | HP | 3   |
| 460 V<br>480 V       |  | HP | 5   |
| 575 V<br>600 V       |  | HP | 7.5 |
| Single-phase         |  |    |     |

|                                                           |      |                         |
|-----------------------------------------------------------|------|-------------------------|
| 115 V<br>120 V                                            | HP   | 0.5                     |
| 230 V<br>240 V                                            | HP   | 1.5                     |
| General use                                               | A    | 20                      |
| Auxiliary contacts                                        |      |                         |
| Pilot Duty                                                |      |                         |
| AC operated                                               |      | A600                    |
| DC operated                                               |      | P300                    |
| General Use                                               |      |                         |
| AC                                                        | V    | 600                     |
| AC                                                        | A    | 10                      |
| DC                                                        | V    | 250                     |
| DC                                                        | A    | 1                       |
| Short Circuit Current Rating                              | SCCR |                         |
| Basic Rating                                              |      |                         |
| SCCR                                                      | kA   | 5                       |
| max. Fuse                                                 | A    | 45                      |
| max. CB                                                   | A    | 60                      |
| 480 V High Fault                                          |      |                         |
| SCCR (fuse)                                               | kA   | 30/100                  |
| max. Fuse                                                 | A    | 25 Class RK5/20 Class J |
| SCCR (CB)                                                 | kA   | 65                      |
| max. CB                                                   | A    | 16                      |
| 600 V High Fault                                          |      |                         |
| SCCR (fuse)                                               | kA   | 30/100                  |
| max. Fuse                                                 | A    | 25 Class RK5/20 Class J |
| Special Purpose Ratings                                   |      |                         |
| Electrical Discharge Lamps (Ballast)                      |      |                         |
| 480V 60Hz 3phase, 277V 60Hz 1phase                        | A    | 18                      |
| 600V 60Hz 3phase, 347V 60Hz 1phase                        | A    | 18                      |
| Incandescent Lamps (Tungsten)                             |      |                         |
| 480V 60Hz 3phase, 277V 60Hz 1phase                        | A    | 14                      |
| 600V 60Hz 3phase, 347V 60Hz 1phase                        | A    | 14                      |
| Resistance Air Heating                                    |      |                         |
| 480V 60Hz 3phase, 277V 60Hz 1phase                        | A    | 18                      |
| 600V 60Hz 3phase, 347V 60Hz 1phase                        | A    | 18                      |
| Refrigeration Control (CSA only)                          |      |                         |
| LRA 480V 60Hz 3phase                                      | A    | 60                      |
| FLA 480V 60Hz 3phase                                      | A    | 10                      |
| LRA 600V 60Hz 3phase                                      | A    | 60                      |
| FLA 600V 60Hz 3phase                                      | A    | 10                      |
| Definite Purpose Ratings (100,000 cycles acc. to UL 1995) |      |                         |
| LRA 480V 60Hz 3phase                                      | A    | 54                      |
| FLA 480V 60Hz 3phase                                      | A    | 9                       |
| Elevator Control                                          |      |                         |
| 200V 60Hz 3phase                                          | HP   | 2                       |
| 200V 60Hz 3phase                                          | A    | 7.8                     |
| 240V 60Hz 3phase                                          | HP   | 2                       |
| 240V 60Hz 3phase                                          | A    | 6.8                     |
| 480V 60Hz 3phase                                          | HP   | 3                       |
| 480V 60Hz 3phase                                          | A    | 4.8                     |
| 600V 60Hz 3phase                                          | HP   | 5                       |
| 600V 60Hz 3phase                                          | A    | 6.1                     |

## Design verification as per IEC/EN 61439

|                                                                                                                        |                   |    |                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------|-------------------|----|----------------------------------------------------------------------------------------------------------------------------------|
| Technical data for design verification                                                                                 |                   |    |                                                                                                                                  |
| Rated operational current for specified heat dissipation                                                               | I <sub>n</sub>    | A  | 9                                                                                                                                |
| Heat dissipation per pole, current-dependent                                                                           | P <sub>vid</sub>  | W  | 0.3                                                                                                                              |
| Equipment heat dissipation, current-dependent                                                                          | P <sub>vid</sub>  | W  | 0                                                                                                                                |
| Static heat dissipation, non-current-dependent                                                                         | P <sub>vs</sub>   | W  | 4.5                                                                                                                              |
| Heat dissipation capacity                                                                                              | P <sub>diss</sub> | W  | 0                                                                                                                                |
| Operating ambient temperature min.                                                                                     |                   | °C | -25                                                                                                                              |
| Operating ambient temperature max.                                                                                     |                   | °C | 60                                                                                                                               |
| 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 8.0

|                                                                                                                                                                                       |  |    |                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|------------------|
| Low-voltage industrial components (EG000017) / Power contactor, AC switching (EC000066)                                                                                               |  |    |                  |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Power contactor, AC switching (ecI@ss10.0.1-27-37-10-03 [AAB718015]) |  |    |                  |
| Rated control supply voltage U <sub>s</sub> at AC 50HZ                                                                                                                                |  | V  | 0 - 0            |
| Rated control supply voltage U <sub>s</sub> at AC 60HZ                                                                                                                                |  | V  | 0 - 0            |
| Rated control supply voltage U <sub>s</sub> at DC                                                                                                                                     |  | V  | 24 - 24          |
| Voltage type for actuating                                                                                                                                                            |  |    | DC               |
| Rated operation current I <sub>e</sub> at AC-1, 400 V                                                                                                                                 |  | A  | 22               |
| Rated operation current I <sub>e</sub> at AC-3, 400 V                                                                                                                                 |  | A  | 9                |
| Rated operation power at AC-3, 400 V                                                                                                                                                  |  | kW | 4                |
| Rated operation current I <sub>e</sub> at AC-4, 400 V                                                                                                                                 |  | A  | 6                |
| Rated operation power at AC-4, 400 V                                                                                                                                                  |  | kW | 2.5              |
| Rated operation power NEMA                                                                                                                                                            |  | kW | 3.7              |
| Modular version                                                                                                                                                                       |  |    | No               |
| Number of auxiliary contacts as normally open contact                                                                                                                                 |  |    | 2                |
| Number of auxiliary contacts as normally closed contact                                                                                                                               |  |    | 2                |
| Type of electrical connection of main circuit                                                                                                                                         |  |    | Screw connection |
| Number of normally closed contacts as main contact                                                                                                                                    |  |    | 0                |

|                                                  |  |  |   |
|--------------------------------------------------|--|--|---|
| Number of normally open contacts as main contact |  |  | 3 |
|--------------------------------------------------|--|--|---|