



ESC225

## Contactor 25A, 2NO, 230V~50Hz

### Technical properties

#### Architecture

|               |                |
|---------------|----------------|
| Type of order | Not applicable |
|---------------|----------------|

#### Configuration

|                   |   |
|-------------------|---|
| Number of modules | 1 |
|-------------------|---|

#### Main electrical features

|                              |       |
|------------------------------|-------|
| Rated operational voltage Ue | 230 V |
| Frequency                    | 50 Hz |

#### Voltage

|                                 |       |
|---------------------------------|-------|
| Rated insulation voltage        | 250 V |
| DC control voltage              | 0 V   |
| Command voltage AC              | 230 V |
| Rated impulse withstand voltage | 4 kV  |

#### Electric current

|   |       |
|---|-------|
| Rated current                               | 25 A  |
| Thermal rated current outside of housings   | 25 A  |
| Acceptable current load with AC7 category A | 25 A  |
| Acceptable current load with AC7 category B | 8.5 A |

#### Dimensions

|                             |          |
|-----------------------------|----------|
| Depth of installed product  | 60 mm    |
| Height of installed product | 83 mm    |
| Width of installed product  | 17.85 mm |

#### Power

|   |         |
|---|---------|
| Inrush power absorbed                       | 10.7 VA |
| Operating consumption                       | 2.9 VA  |
| Total power loss under IN                   | 4 W     |
| Power loss per contact                      | 1.5 W   |
| Power dissipation per coil                  | 1 W     |
| Contact rating with 230 V in AC7 category A | 4.6 kW  |
| Contact rating with 230 V in AC7 category B | 880 W   |

#### Tripping

|                               |       |
|-------------------------------|-------|
| Time of response when opening | 15 ms |
| Time of response when closing | 25 ms |

|   |                        |
|---|------------------------|
| <b>Endurance</b>                                    |                        |
| Electric endurance in number of cycles              | 30000                  |
| Number of mechanical operations                     | 100000                 |
| <b>Fluorescent bulbs control</b>                    |                        |
| Max. power with fluorescent parallel lamps          | 810 VA                 |
| Fluorescent lamps in duo circuit                    | 1990 VA                |
| Max. load fluorescent lamp                          | 950 VA                 |
| <b>Incandescent bulbs control</b>                   |                        |
| Max. power with incandescent lamps                  | 1900 W                 |
| <b>Installation, mounting</b>                       |                        |
| Tightening torque                                   | 1,2Nm                  |
| <b>Connection</b>                                   |                        |
| Connection cross-sect. flexible conductor           | 1 / 6mm <sup>2</sup>   |
| Connection cross-sect. rigid cable                  | 1 / 10mm <sup>2</sup>  |
| Type of contacts                                    | 2NO                    |
| Type of connection                                  | with screw             |
| Connection cross-section of the control cable solid | 1 / 10 mm <sup>2</sup> |
| <b>Equipment</b>                                    |                        |
| Can be accessorized                                 | Yes                    |
| <b>Use</b>  |                        |
| Local operation/hand operation                      | No                     |
| <b>Safety</b>                                       |                        |
| REACH conform                                       | Yes                    |
| RoHS conform  | Yes                    |
| Halogen free  | No                     |
| <b>Use conditions</b>                               |                        |
| Operating temperature                               | -10...50 °C            |
| Storage/transport temperature                       | -40...80 °C            |