



ERL425

Override Contactor 25A, 4NO, 12V~ 50Hz

Technical properties

Architecture

| | |
|-----------------|-------|
| Type of order | Relay |
| Number of poles | 4 P |

Configuration

| | |
|-------------------|---|
| Number of modules | 2 |
|-------------------|---|

Main electrical features

| | |
|------------------------------|-------|
| Rated operational voltage Ue | 400 V |
| Frequency | 50 Hz |

Voltage

| | |
|---------------------------------|-------|
| Rated insulation voltage | 440 V |
| DC control voltage | 0 V |
| Command voltage AC | 12 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 | 35.75 mm |

Power

| | |
|---|---------|
| Inrush power absorbed | 21 VA |
| Operating consumption | 3.4 VA |
| Total power loss under IN | 7.5 W |
| Power loss per contact | 1.5 W |
| Power dissipation per coil | 1.5 W |
| Contact rating with 230 V in AC7 category A | 4.6 kW |
| Contact rating with 230 V in AC7 category B | 880 W |
| Contact rating with 400 V in AC7 category A | 13.8 kW |
| Contact rating with 400 V in AC7 category B | 2.6 kW |

| Tripping | |
|---|------------------------|
| Time of response when opening | 15 ms |
| Time of response when closing | 25 ms |
| Resistance | |
| Winding resistance | 7.4 Ω |
| Endurance | |
| Electric endurance in number of cycles | 30000 |
| Number of mechanical operations | 100000 |
| Fluorescent bulbs control | |
| Max. power with fluorescent parallel lamps | 810 VA |
| Fluorescent lamps in duo circuit | 1990 VA |
| Max. load fluorescent lamp | 950 VA |
| Incandescent bulbs control | |
| Max. power with incandescent lamps | 1900 W |
| Installation, mounting | |
| Tightening torque | 1,2Nm |
| Connection | |
| Connection cross-sect. flexible conductor | 1 / 6mm ² |
| Connection cross-sect. rigid cable | 1 / 10mm ² |
| Number of contacts | 4 |
| Type of contacts | 4NO |
| Type of connection | with screw |
| Connection cross-section of the control cable solid | 1 / 10 mm ² |
| Equipment | |
| Can be accessorized | Yes |
| Use | |
| Local operation/hand operation | Yes |
| Safety | |
| Protection class | isol.class II |
| REACH conform | Yes |
| RoHS conform | Yes |
| Halogen free | No |
| Use conditions | |
| Operating temperature | -10...50 °C |
| Storage/transport temperature | -40...80 °C |