



ESC441

Contactor 40A, 4NC, 230V~50Hz

Technical properties

Architecture

| | |
|-----------------|-----|
| Number of poles | 4 P |
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Configuration

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| Number of modules | 3 |
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Main electrical features

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

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| Rated insulation voltage | 440 V |
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| DC control voltage | 0 V |
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| Command voltage AC | 230 V |
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| Rated impulse withstand voltage | 4 kV |
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Electric current

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| Rated current | 40 A |
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| Thermal rated current outside of housings | 40 A |
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| Acceptable current load with AC7 category A | 40 A |
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| Acceptable current load with AC7 category B | 25 A |
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Dimensions

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| Depth of installed product | 60 mm |
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| Height of installed product | 85 mm |
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| Width of installed product | 54 mm |
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Power

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| Inrush power absorbed | 62.5 VA |
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| Operating consumption | 5.7 VA |
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| Total power loss under IN | 12.8 W |
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| Power loss per contact | 3.2 W |
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| Power dissipation per coil | 1.5 W |
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| Contact rating with 230 V in AC7 category A | 7.3 kW |
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| Contact rating with 230 V in AC7 category B | 2.6 kW |
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| Contact rating with 400 V in AC7 category A | 22 kW |
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| Contact rating with 400 V in AC7 category B | 7.8 kW |
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Tripping

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|---|-------------------------|
| Time of response when opening | 20 ms |
| Time of response when closing | 25 ms |
| Resistance | |
| Winding resistance | 770 Ω |
| Endurance | |
| Electric endurance in number of cycles | 30000 |
| Number of mechanical operations | 1000000 |
| Fluorescent bulbs control | |
| Max. power with fluorescent parallel lamps | 1300 VA |
| Fluorescent lamps in duo circuit | 3000 VA |
| Max. load fluorescent lamp | 1900 VA |
| Incandescent bulbs control | |
| Max. power with incandescent lamps | 4000 W |
| Connection | |
| Number of contacts | 4 |
| Connection cross-section of the control cable solid | 1 / 2.5 mm ² |
| Equipment | |
| Can be accessorized | Yes |
| Use | |
| Local operation/hand operation | No |
| Standards | |
| European directive WEEE | concerned |
| Safety | |
| Protection index IP | IP2X |
| Protection class | isol.class II |
| Use conditions | |
| Operating temperature | -10...50 °C |
| Storage/transport temperature | -40...80 °C |