



Contactor 25A, 2NO, 230V

ESC225

Architecture

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

Main electrical features

| | |
|--|-------|
| Frequency | 50 Hz |
| Rated operational voltage U _e | 230 V |

Voltage

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

Electric current

| | |
|---|-------|
| Acceptable current load with AC7 category A | 25 A |
| Acceptable current load with AC7 category B | 8,5 A |
| Thermal rated current outside of housings | 25 A |

Power

| | |
|---|---------|
| Inrush power absorbed | 10,7 VA |
| Operating consumption | 2,9 VA |
| Contact rating with 230 V in AC7 category A | 4,6 kW |
| Contact rating with 230 V in AC7 category B | 880 W |
| Power loss per contact | 1,5 W |
| Total power loss under I _N | 5,9 W |
| Power dissipation per coil | 2,9 W |

Tripping

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

Endurance

| | |
|--|--------|
| Electric endurance in number of cycles | 30000 |
| Number of mechanical operations | 100000 |

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Dimensions

| | |
|-----------------------------|----------|
| Depth of installed product | 60 mm |
| Height of installed product | 83 mm |
| Width of installed product | 17,85 mm |

Fluorescent bulbs control

| | |
|--|---------|
| Max. load fluorescent lamp | 950 VA |
| Max. power with fluorescent parallel lamps | 810 VA |
| Fluorescent lamps in duo circuit | 1990 VA |

Incandescent bulbs control

| | |
|------------------------------------|--------|
| Max. power with incandescent lamps | 1900 W |
|------------------------------------|--------|

Installation, mounting

| | |
|-------------------|-------|
| Tightening torque | 1,2Nm |
|-------------------|-------|

Connection

| | |
|---|-------------------------|
| Max cable connect. cross section (flexible) for control | 1 to 6 mm ² |
| Connection cross-section of the control cable solid | 1 to 10 mm ² |
| Connection cross-sect. rigid cable | 1 / 10mm ² |
| Connection cross-sect. flexible conductor | 1 / 6mm ² |
| Type of connection | with screw |
| Type of contacts | 2NO |

Equipment

| | |
|---------------------|-----|
| Can be accessorized | yes |
|---------------------|-----|

Use

| | |
|--------------------------------|----|
| Local operation/hand operation | no |
|--------------------------------|----|

Standards

| | |
|-------------------------|-----------|
| European directive WEEE | concerned |
|-------------------------|-----------|

Safety

| | |
|---------------------|---|
| Protection index IP | 2 |
|---------------------|---|

Use conditions

| | |
|---------------------|--------------|
| Storage temperature | -40 to 80 °C |
|---------------------|--------------|

Identification

| | |
|---------------|-----|
| Device family | ESC |
|---------------|-----|