

## Humfree Contactor 40A, 3NO, 230V~50/60Hz

## Technical properties

## Architecture

Number of poles 3 P

## Configuration

Number of modules 3

## 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 | 230 V |
| Rated impulse withstand voltage | 4 kV |

## Electric current

| Rated current | 40 A |
| :--- | :---: |
| Thermal rated current outside of housings | 40 A |
| Acceptable current load with AC7 category | 40 A |

Acceptable current load with AC7 category
B

## Dimensions

| Depth of installed product | 60 mm |
| :--- | :---: |
| Height of installed product | 85 mm |
| Width of installed product | 54 mm |


| Power |  |
| :--- | ---: |
| Inrush power absorbed | 5.2 VA |
| Operating consumption | 5.2 VA |
| Total power loss under IN | 14.1 W |
| Power loss per contact | 3.2 W |
| Power dissipation per coil | 4.5 W |
| Contact rating with 230 V in AC7 category A | 7.3 kW |
| Contact rating with 230 V in AC7 category B | 2.6 kW |
| Contact rating with 400 V in AC7 category A | 22 kW |
| Contact rating with 400 V in AC7 category B | 7.8 kW |

Tripping

## Resistance

Winding resistance $9200 \Omega$

## 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 |
| :--- |
| Type of connection |
| Connection cross-section of the control <br> cable solid |

## 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 |
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |

Use conditions

| Operating temperature | $-10 \ldots 50^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Storage/transport temperature | $-40 \ldots 80^{\circ} \mathrm{C}$ |

