

# RXC25

## installation contactors



- **Four-pole installation contactors**
- Protection against direct contact IP 20
- AC and DC input voltages
- Cover - modular, width 36 mm
- Direct mounting on 35 mm rail mount acc. to EN 60715
- Applications: in household systems (resistance furnaces, heaters, squirrel-cage motors, motor-loads in domestic)
- Compliance with standard PN-EN 61095
- Recognitions, certifications, directives: RoHS,  

### Output circuit - contact data

Number and type of contacts		4 NO, 3 NO + 1 NC, 2 NO + 2 NC	
Rated operational voltage		400 V AC	
Rated operational current	AC1 / AC7a AC3 / AC7b	25 A 8,5 A	
Rated thermal current		25 A	
Insulation rated voltage		500 V AC	
Operational power	AC1 / AC7a AC3 / AC7b	5,5 kW 230 V AC 2 kW 230 V AC	10 kW 400 V AC 3,4 kW 400 V AC

### Input circuit - coil data

Control voltage	50/60 Hz AC DC	24, 230 V 24 V
Release voltage		0,2...0,75 U <sub>s</sub>
Range of control voltage		0,85...1,1 U <sub>s</sub> (under operating conditions)
Maximum power		1,6 W 24, 230 V AC

### General data

Electrical life (cycles)		10 <sup>5</sup>
Mechanical life (cycles)		> 10 <sup>6</sup>
Rated working system		
• intermittent working system		30 times/h load factor 40%
Dimensions (L x W x H)		81 <sup>①</sup> x 36 x 67 mm
Weight		200 g
Ambient temperature	• operating	-5...+60 °C (non-condensation and/or icing)
Cover protection category		IP 20 EN 60529
Relative humidity		≤ 50% 40 °C ≤ 90% 20 °C <sup>②</sup>
Operating altitude		0...2 000 m
Overvoltage category		II
Insulation pollution degree		2

<sup>①</sup> Length with 35 mm rail catch: 85,2 mm. <sup>②</sup> Special measures shall be taken for occasional condensation due to temperature changes.

**Table of codes**

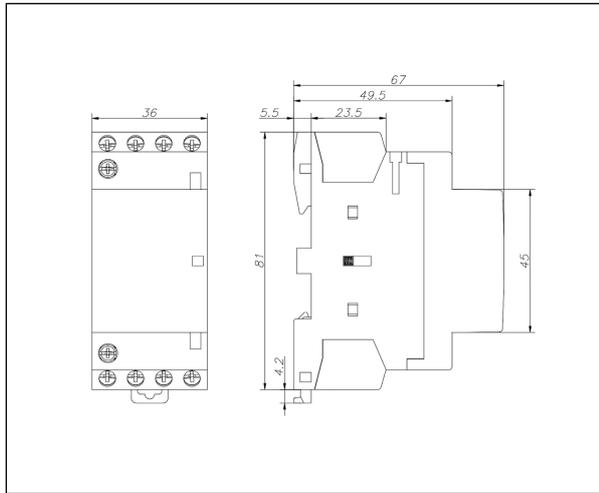
Table 1

Contactor code	Configuration of contacts	Control coil voltage
RXC25-40-A024	4 NO	24 V AC 50/60 Hz
RXC25-31-A024	3 NO + 1 NC	24 V AC 50/60 Hz
RXC25-22-A024	2 NO + 2 NC	24 V AC 50/60 Hz
RXC25-40-A230	4 NO	230 V AC 50/60 Hz
RXC25-31-A230	3 NO + 1 NC	230 V AC 50/60 Hz
RXC25-22-A230	2 NO + 2 NC	230 V AC 50/60 Hz
RXC25-40-D024	4 NO	24 VDC
RXC25-31-D024	3 NO + 1 NC	24 VDC
RXC25-22-D024	2 NO + 2 NC	24 VDC

# RXC25

## installation contactors

### Dimensions



### Mounting, accessories for contactors

Installation contactors **RXC25** are designed for direct mounting on 35 mm rail mount acc. to EN 60715 Ⓢ - they are delivered ready to install. Operational position - shall be vertical, and the inclination in each direction shall not exceed  $\pm 5^\circ$  (there shall be no significant shock and vibration). **Connections:** conductor cross section: input 1,5...2,5 mm<sup>2</sup> / 1,5...2,5 mm<sup>2</sup> (hard wire / flexible cord), output 1,5...6 mm<sup>2</sup> / 1...4 mm<sup>2</sup> (hard wire / flexible cord), input terminals: 2 screws M3,5, max. tightening moment for the terminal: 0,8 Nm, output terminals: 8 screws M3,5, max. tightening moment for the terminal: 0,8 Nm.

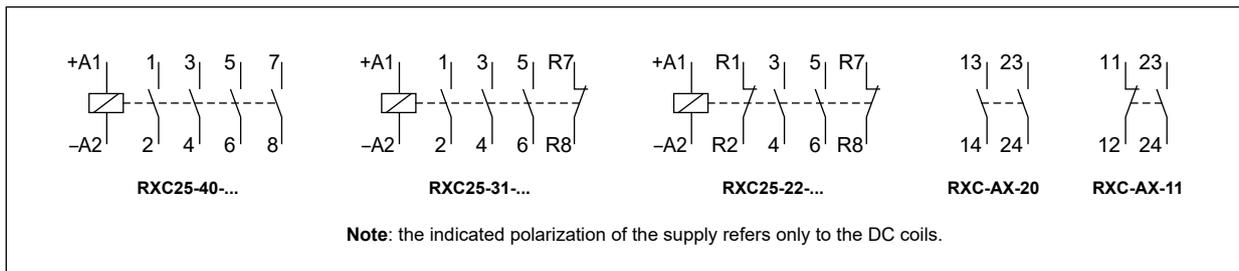
For **RXC25** contactors we offer additional auxiliary contacts **RXC-AX** (mounted on the side of the contactor, increase the width by 9 mm).

Ⓢ The distance at least 6 mm between the contactors mounted side by side.

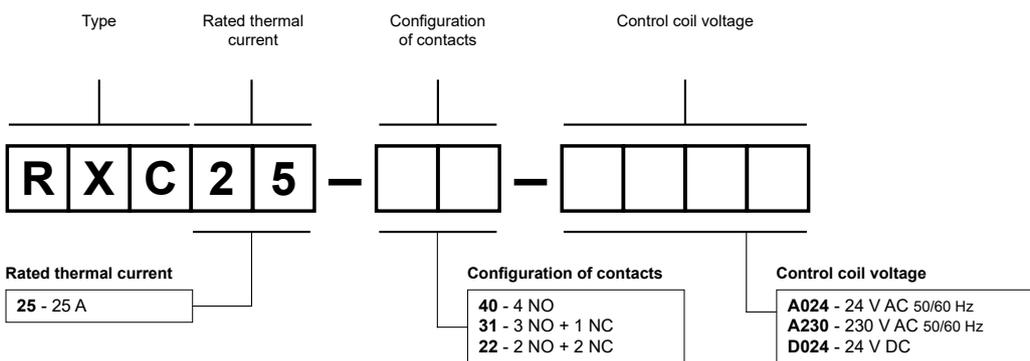


**RXC-AX**

### Connection diagrams



### Ordering codes



Examples of ordering codes Ⓢ:

**RXC25-40-A230** contactor **RXC25-...**, rated thermal current 25 A, four-pole - contacts 4 NO, control coil voltage 230 V AC 50/60 Hz

**RXC25-22-D024** contactor **RXC25-...**, rated thermal current 25 A, four-pole - contacts 2 NO + 2 NC, control coil voltage 24 V DC

Ⓢ Ordering codes **RXC25-...** are specified in Table 1, "Contactor code" column.