



EW070\_C

**Industrial contactor 72A-AC3 / coil 220V 50-60Hz**

**Technical characteristics**

**Architecture**

Type of pole	3 P
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**Main electrical features**

Rated operational voltage Ue	660 V
Type of supply voltage	AC

**Voltage**

Rated insulation voltage	660 V
DC control voltage	0 V
Command voltage AC	220 V

**Electric current**

Acceptable current rating with AC1	100 A
Rated current	72 A
Thermal rated current outside of housings	100 A
Rated operational current in AC3	72 A

**Dimensions**

Depth of installed product	123 mm
Height of installed product	150 mm
Width of installed product	94 mm

**Frequency**

Frequency	50 to 60 Hz
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**Power**

Contact rating with 400 V in AC3	37 kW
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**Endurance**

Electric endurance in number of cycles	500000
Number of mechanical operations	5000000

**Connection**

Connection cross-section of input and output with screws, for massive conductors	10 / 35 mm <sup>2</sup>
Connection cross section of access and exit with screws, for flexible conductor	10 / 35 mm <sup>2</sup>
Type of connection	Terminal

**Equipment**

Number of auxiliary contacts as normally closed contact	2
Number of auxiliary contacts as normally open contact	2
Quantity of NC contacts	0
Quantity of NO contacts	3

#### Standards

European directive WEEE	not concerned
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#### Use conditions

Operating temperature	-20...55 °C
Altitude	2000 m
Storage/transport temperature	-40...80 °C
Relative humidity (without condensation)	45...85 %