



EW090_C

Industrial contactor 85A-AC3 / coil 220V AC 50-60Hz

Technical properties

Architecture

Type of pole	3 P
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Main electrical features

Rated operational voltage Ue	690 V
Type of supply voltage	AC

Voltage

Rated insulation voltage	1000 V
DC control voltage	0 V
Command voltage AC	220 V

Electric current

Acceptable current rating with AC1	135 A
Rated current	85 A
Thermal rated current outside of housings	135 A
Rated operational current in AC3	85 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	45 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	25 / 50 mm ²
Connection cross section of access and exit with screws, for flexible conductor	25 / 50 mm ²
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

Safety

REACH conform	No
RoHS conform	Yes

Use conditions

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