



EW016_C

Industrial contactor 16A-AC3 / coil 220V 50-60Hz

Technical characteristics

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	25 A
Rated current	16 A
Thermal rated current outside of housings	25 A
Rated operational current in AC3	16 A

Dimensions

Depth of installed product	82 mm
Height of installed product	70 mm
Width of installed product	45 mm

Frequency

Frequency	50 to 60 Hz
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Power

Contact rating with 400 V in AC3	7 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	1 / 6 mm ²
Connection cross section of access and exit with screws, for flexible conductor	1 / 6 mm ²
Type of connection	with screw

Equipment

Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	1
Quantity of NC contacts	0
Quantity of NO contacts	3

Use cases

Category of use	AC3
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Standards

Standard text	IEC 60947-4-1
European directive WEEE	not concerned

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 %