

Contactor 55A-AC3 / coil 110V AC 50/60Hz

Architecture

Type of pole	3 P
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Compatibility

Compatible with DIN rail mounting	yes
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Main electrical features

Type of supply voltage	AC
Rated operational voltage Ue	660 V

Voltage

Rated insulation voltage	660 V
Command voltage AC	110 V

Electric current

Acceptable current rating with AC1	70 A
Rated operational current in AC3	55 A
Thermal rated current outside of housings	70 A

Power

Contact rating with 400 V in AC3	25 kW
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Endurance

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

Measurement

Relative humidity (without condensation)	45 85 %
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Dimensions

Depth of installed product	123 mm
Height of installed product	116 mm
Width of installed product	94 mm

Connection

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

Equipment

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

Use cases

Category of use	AC3
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Standards

Standard text	IEC 60 947-4-1
European directive WEEE	not concerned

Use conditions

Altitude	2000 m
Storage temperature	-40 to 80 °C

Identification

Device family	EW
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