



EW055_C

Industrial contactor 55A-AC3 / coil 220V 50-60Hz

Technical Features

Architecture

Type of pole	3P
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Voltage

Rated operational voltage Ue	690 - 690 V
Command voltage AC	220 - 220 V
Command voltage DC	0 - 0 V
Rated operational voltage Ue AC for auxiliary contact	660 V
Rated insulation voltage Ui	1000 V

Electric current

Rated operational current Ie under 3P 220 - 230 V AC3 according to IEC 60947 - 4	55 A
Acceptable current rating AC3	55 A
Rated operational current Ie under 3P 380 - 400 V AC AC3 according to IEC 60947 - 4	55 A
Rated current Ie for auxiliary contact under 110 V AC AC15	6 A
Rated current Ie for auxiliary contact under 24 V AC AC15	6 A

Dimensions

Depth	108.70 mm
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Frequency

Frequency	50 - 60 Hz
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Power

Total power loss under IN	6.80 W
Power dissipation per coil	6.80 W
Operating consumption	30 VA
Inrush power absorbed	280 VA
Rated operational power for 3P under 220 - 230 V AC AC3 according to IEC 60947 - 4	15 kW

Endurance

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

Connectivity

Type of connection	Screw terminal
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Equipment

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

Use conditions

Operating temperature	-20 - 55 °C
Storage/transport temperature	-40 - 80 °C

Connection

Cross-section of input and output with screws, for flexible conductors	10 - 35 mm ²
Cross-section of input and output with screws, for massive conductors	10 - 35 mm ²

Sustainability

Halogen free	Yes
RoHS conform	Yes