

# Product datasheet

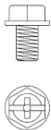
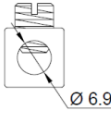


## Specifications

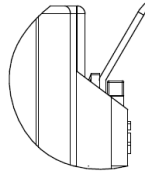


## DP Contactor, XMC0-327, 1P (1NO), AC Coil

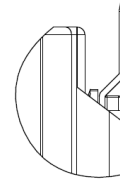
### Main

Product Series	XMC0	
Product or Component Type	Definite Purpose Contactors	
Device Short Name	XMC0-327	
Contactor Application	HVAC, refrigeration, heating, data processing, welding, elevators, hoist & cranes, pool, commercial spa, and food service equipment industries, etc.	
Poles Description	1P	
Rated Operational Voltage [Ue]	Power circuit: $\leq 600$ V AC 50/60Hz	
Full Load Ampere [FLA]	32 A	
Locked Rotor Ampere [LRA]	180 A @ 240/277 V AC; 150 A @ 480 V AC; 120 A @ 600 V AC	
Resistive Ampere [RES]	40 A	
Control Circuit Voltage [Us]	Code	Voltage
	E	24 V AC 50/60Hz
	F	110-120 V AC 50/60Hz
	I	208-220 V AC 50Hz 208-240 V AC 60Hz
	L	277 V AC 60Hz
	N	380-415 V AC 50Hz 440-480 V AC 60Hz
Main Contact Terminals	<p>C type: Slotted &amp; Hex head washer w/ quick connect</p> <p>D type: Box Lug w/ quick connect</p> <p>E type: Box lug w/ quick connect (Line side)</p> <p style="padding-left: 40px;">Slotted &amp; Hex head washer w/ quick connect (Load side)</p> <p>F type: Slotted &amp; Hex head washer w/ quick connect (Line side)</p> <p style="padding-left: 40px;">Box lug w/ quick connect (Load side)</p>	
		
	<p><b>C type on 25-40A FLA</b> #10-32 combination phillips, slotted &amp; 5/16 hex head with #8 washer</p>	<p><b>D type on 25-40A FLA</b> #14-4 AWG Cu/Al</p>

### Coil Terminals



Normal type terminal



Vertical type terminal

## Complementary

Maximum Horse Power Rating	2 hp 240/277 V AC, 1phase
Pole Contact Composition	1 NO
Pollution Degree	3
Control Circuit Voltage Limits	0.8...1.1 Us: operational AC 50/60 Hz
@ 25°C (Cold state)	0.2...0.75 Us: drop-out AC 50/60 Hz
Nominal Inrushed VA	E: 27 VA @ 24V 50 Hz, 25 VA @ 24V 60Hz
@ 25°C (Cold state)	F: 27 VA @ 120V 50 Hz, 25 VA @ 120V 60Hz
	I: 25 VA @ 220V 50 Hz, 27 VA @ 240V 60Hz
	L: 25 VA @ 277V 60Hz
	N: 27 VA @ 415V 50 Hz, 35 VA @ 480V 60Hz
Nominal Sealed VA	E: 8.5 VA @ 24V 50 Hz, 6.5 VA @ 24V 60Hz
@ 25°C (Cold state)	F: 9 VA @ 120V 50 Hz, 7 VA @ 120V 60Hz
	I: 8.5 VA @ 220V 50 Hz, 8.5 VA @ 240V 60Hz
	L: 8.5 VA @ 277V 60Hz
	N: 11 VA @ 415V 50 Hz, 12 VA @ 480V 60Hz
Maximum Operating Rate	Electrical: 360 cycs/h
	Mechanical: 3600 cycs/h
Tightening Torque	Power circuit: 25 lb-in - on screw terminals
	Power circuit: 25 lb-in - on box lug terminals
Auxiliary Contact Composition	N/A
Mounting Support	Screw
	35mm DIN Rail (should be added a DIN rail adapter, suffix "-123" after model name)
A2L Application	Suffix w/ "W" : Flame Arrest-protected Components for Use in Refrigeration and Air-conditioning Equipment Employing A2L Refrigerants.
Minimum Switching Load	110 V AC, 1A

## Environment

Standards	UL 60947-4-1, GB/T 14048.4, IEC 60947-4-1, EN 60947-4-1
Product Certifications	UL, CCC, TÜV
Permissible Ambient Air Temperature Around the Device	-40 °C...70 °C (-40 °F...158 °F) for normal operating
	-40 °C...70 °C (-40 °F...158 °F) for storage
Height	81 mm
Width	52 mm
Depth	59 mm
Net Weight	0.2 kg

## Packing Units

Unit Type of Package (bulk package)	1 carton
Number of Units in Package	50 pcs
Package Height	17.5 cm
Package Width	31 cm
Package Length	46 cm
Package Weight	10.7 kg

## Offer Sustainability

REACH Regulation	Conforming
EU RoHS Directive	Conforming
Mercury Free	Yes
China RoHS Regulation	Conforming
RoHS Exemption Information	Yes

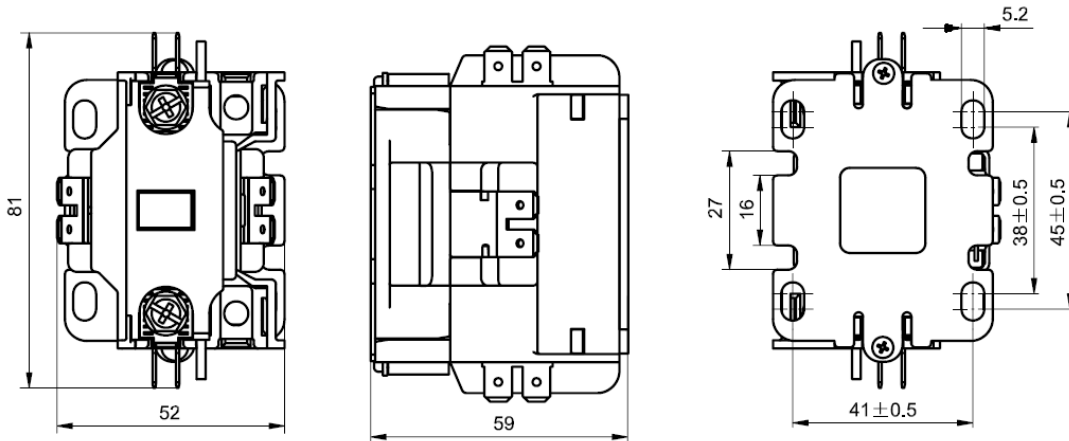
## Contractual Warranty

Warranty	18 months
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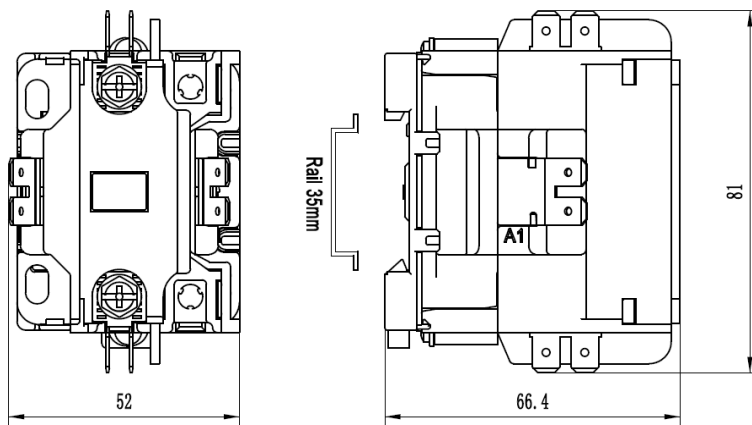
## Dimensions

XMC0 1P (1NO)

AC Contactor:



Rail mounting contactor:



Note: The unit is mm. The tolerance for mounting holes:  $\pm 0.5$ ; for other external dimensions:  $\pm 1.5$ , unless otherwise specified.

## Wiring Diagram

