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Tightening torque for coil terminal



electric THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 9A, DC COIL, 24VDC, 1NO

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		min	Nm	0.8
		max	Nm	1
		min	lbft	0.8
		max	lbft	0.74
max number of wires simulta	aneously connectable		nr.	2
Conductor section				
AW	G			
	-	min		16
		max		10
Flex	kible w/o lug conductor section	max		10
		min	mm²	1
		max	mm²	6
Floy	kible c/w lug conductor section	тах		0
	tible c/w lug conductor section	min	mm²	1
		max	mm²	4
	vible with insulated anode lug conductor costion	Παλ	111111	4
Flex	kible with insulated spade lug conductor section		2	4
		min	mm²	1
		max	mm²	4
Power terminal protection a				IP20 when wired
Auxiliary contact characteris	tics			
Type of contact				1 NO
Thermal current Ith			А	10
IEC/EN 60947-5-1 designat				A600 - P600
Operational current AC1 (≤4	-0°C)		Α	25
Operating current AC15				
		230V	А	3
		400V	А	1.9
		500V	А	1.4
Operating current DC12				
		110V	А	5.7
Operating current DC13				0
operating current De re		24V	А	5.7
		48V	A	2.9
		40V 60V	A	2.3
		000	~	Screw / DIN rail
		110V	А	35mm
		125V	А	0.6
		125V 220V	A	0.2
		220V 600V	A	1.2
Ambient conditions		0000	A	1.2
Temperature				
Ope	erating temperature			
		min	°C	-50
		max	°C	70
Stor	rage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Operating position				
		normal		Vertical plan
		allowable		±30°
				Screw / DIN rail
Mounting				
Mounting				35mm

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Operations			_	
lechanical life			Cycles	2000000
Electrical life			Cycles	2000000
Safety related data				
-erformance level B10	0d according to EN/ISO 13489-1		0:-"	2000000
		rated load	Cicli	2000000
Mirror contato accordia	na to IEC/EN 600474 4 4	mechanical load	Cicli	20000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility DC coil operating				yes
DC rated control voltage	10			
	j o	min	V	6
		max	v	250
DC operating voltage		max	•	
	pick-up			
	1 1	min	%Us	0.7
		max	%Us	1.25
	drop-out			
	-	min	%Us	0.1
		max	%Us	0.40
Average coil consuption	n ≤20°C			
		in-rush	W	5.4
		holding	W	5.4
Max cycles frequency				
Mechanical operations			Cycles/h	3600
Operating times				
Average time for Us co				
	in AC			
	Closing NC	min	m a	14
			ms	28
	Opening NC	max	ms	20
	Opening NC	min	ms	7
		max	ms	18
	in DC	Παλ	113	10
	Closing NO			
		min	ms	54
		max	ms	66
	Opening NO		-	
		min	ms	14
		max	ms	17
UL technical data				
Full-load current (FLA)	for three-phase AC motor			
		at 480V	А	7.6
		at 600V	Α	0.375
Yielded mechanical pe				
	for single-phase AC motor			
		at 110/120V	hp	0.75
		at 230V	hp	2
	for three-phase AC motor			
		at 200/208V	hp	3
		at 220/230V	hp	3
		at 460/480V	hp	5
		at 575/600V	hp	7.5

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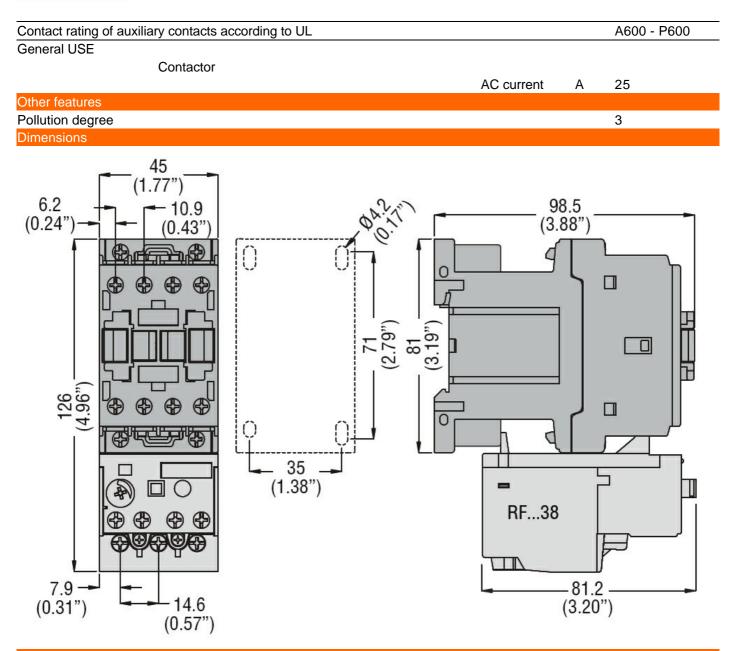
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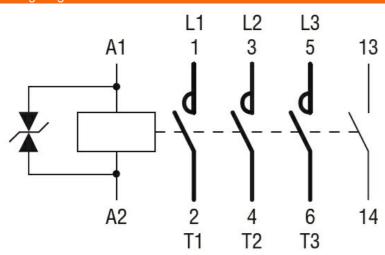
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Wiring diagrams



Certifications and compliance Certifications

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	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL 60947-1
	UL 60947-4-1
Compliance	
	CCC
	cULus
	EAC

ETIM 6 classification

EC000066 - Power contactor, AC switching

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