



Product designation Product type designation			Power contactor B400
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	550
Operational current le			
	AC-1 (≤40°C)	Α	550
	AC-1 (≤55°C)	Α	430
	AC-1 (≤70°C)	Α	360
	AC-3 (≤440V ≤55°C)	Α	420
	AC-4 (400V)	Α	200
Rated operational power AC-3 (T≤55°C)			
	230V	kW	130
	400V	kW	225
	415V	kW	247
	440V	kW	263
	500V	kW	271
	690V	kW	352
D-4-1	1000V	kW	208
Rated operational power AC-1 (T≤40°C)	0001/	1.147	222
	230V	kW	200
	400V	kW	345
	500V	kW	452
IFC may current to in DC1 with L/D < 1 mg with 1 notes in carios	690V	kW	598
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	75\/	۸	400
	75V 110V	A A	400 250
	220V	A	
	330V 460V	A A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	400 V		
TEO Max current le in DOT with L/N = 1115 with 2 poles in selles	75V	Α	400
	110V	A	400
	220V	A	350
	330V	A	
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	T00 V	,,	
120 Max surrous to the Bott with Effect this with a polosition of the	75V	Α	400
	110V	A	400
	220V	A	400
	220 V	, ,	.00



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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 420A, AC/DC COIL, 380...415VAC/DC

	330V	Α	350
	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	75V	Α	400
	110V	Α	400
	220V	Α	400
	330V	Α	400
	460V	Α	350
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	75V	Α	350
	110V	Α	200
	220V	Α	
	330V	Α	
	460V	A	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	75V	Α	350
	110V	Α	350
	220V	Α	280
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	75V	Α	350
	110V	Α	350
	220V	Α	350
	330V	Α	280
	460V	Α	-
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series		_	
	75V	Α	350
	110V	Α	350
	220V	Α	350
	330V	Α	280
01 (1) 11 11 11 11 11 11 11 11 11 11 11 11 1	460V	A	280
Short-time allowable current for 10s (IEC/EN60947-1)		Α	3600
Protection fuse	. 0 (150)		000
	gG (IEC)	A	630
Making appeals (DMC calca)	aM (IEC)	A	400
Making capacity (RMS value)		Α	4200
Breaking capacity at voltage	4.40\/	^	4000
	440V	A	4000
	500V	A	3400
Pagiatanas par pala (ayaraga yalya)	690V	A	3360
Resistance per pole (average value)		mΩ	0.2
Power dissipation per pole (average value)	1414	147	5 2
	Ith	W	52
Tightoning torque for terminals	AC-3	W	32
Tightening torque for terminals	min	Nim	25
	min	Nm Nm	35 35
	max	Nm	35
	min	lbin Ibin	25.8
Tightening torque for coil terminal	max	Ibin	25.8
Tightening torque for coil terminal	mair	Nima	1
	min	Nm Nm	1
	max	Nm	1



		min	Ibin	0.74
		max	lbin	0.74
Max number of wires s	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		2x 300 kcmil
Power terminal protect	tion according to IEC/EN 60529			IP00
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	9560
Conductor section				
	AWG/kcmil conductor section			
		max		2x 300 kcmil
Operations		Пах		
Mechanical life			cycles	10000000
Electrical life			cycles	700000
Safety related data			5,0100	
	0d according to EN/ISO 13489-1			
T chomianoc level Bit	od docording to E14/100 10400 1	rated load	cycles	700000
		mechanical load	cycles	1000000
Mirror contats accordi	ng to IEC/EN 609474-4-1	monamoanoaa	Oyoloo	yes
EMC compatibility	ng to 120/211 0094/4-4-1			-
AC coil operating				yes
Rated AC voltage at 5	0/60Hz 60Hz			
Nateu AC voltage at 5	0/00112, 00112			
		min	\/	200
		min	V	380
AC aparating valtage		min max	V V	380 415
AC operating voltage	of 50/001 le poil powered of 501 le			
AC operating voltage	of 50/60Hz coil powered at 50Hz			
AC operating voltage	of 50/60Hz coil powered at 50Hz pick-up	max	V	415
AC operating voltage	•	max min	V %Us	415 80
AC operating voltage	pick-up	max	V	415
AC operating voltage	•	max min max	V %Us %Us	80 110
AC operating voltage	pick-up	max min max min	V %Us %Us %Us	80 110 20
AC operating voltage	pick-up drop-out	max min max	V %Us %Us	80 110
AC operating voltage	pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min	V %Us %Us %Us	80 110 20
AC operating voltage	pick-up drop-out	max min max min max	V %Us %Us %Us %Us	80 110 20 60
AC operating voltage	pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max	V %Us %Us %Us %Us %Us	80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	max min max min max	V %Us %Us %Us %Us	80 110 20 60
AC operating voltage	pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min max min max	%Us %Us %Us %Us %Us	80 110 20 60 80 110
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max min max min max min min max	%Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max min max	%Us %Us %Us %Us %Us	80 110 20 60 80 110
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	min max min max min max min max min min max	%Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max min max min max min min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	min max min max min max min max min min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	min max min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out of 60Hz coil powered at 60Hz pick-up	min max min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60

AC average coil consumption at 20°C

of 50/60Hz coil powered at 50Hz

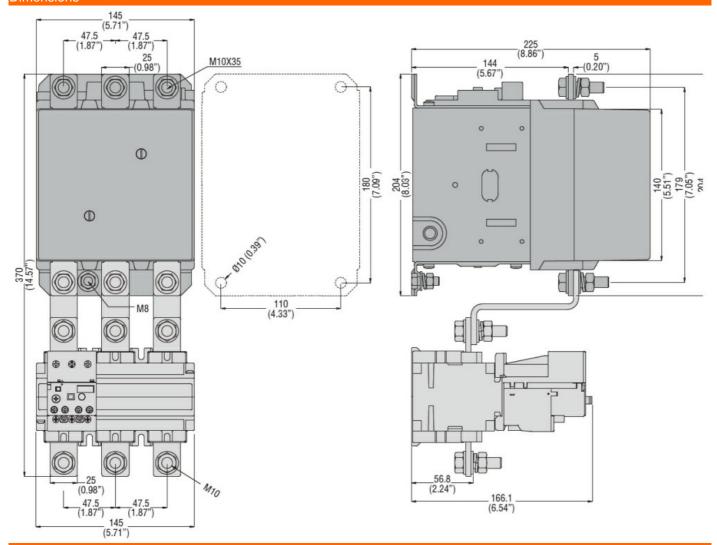


			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil power	ered at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding	<20°C 50H7		Holding	W	10
DC coil operating	320 C 30HZ			VV	10
_					
DC rated control voltage	ge				
			min	V	380
			max	V	415
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out			,,,,,	
	arop out		min	%Us	20
A	1' 40000		max	%Us	60
Average coil consump	tion ≤20°C				
			in-rush	W	300
			holding	W	10
Max cycles frequency					
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us co	ontrol				
Avorago umo for co oc	in AC				
	III AC	Clasina NO			
		Closing NO			00
			min	ms	80
			max	ms	120
		Opening NO			
			min	ms	30
			max	ms	75
	in DC				
		Closing NO			
		J	min	ms	80
			max	ms	120
		Opening NO	····	0	.20
		Opolining NO	min	me	30
				ms	
I II. An observational selection			max	ms	75
UL technical data					
Full-load current (FLA)) tor three-phase AC m	notor			
			at 480V	Α	414
			at 600V	Α	382
Yielded mechanical pe	erformance				_
·	for three-phase AC i	motor			
	·		200/208V	HP	125
			220/230V	HP	150
			460/480V	HP	350
			575/600V	HP	400
ConorelLICE			373/0001	1 11	-100
General USE	0 1 1				
	Contactor				
			AC current	Α	550
Short-circuit protection	n fuse, 600V				
	Standard fault				
			Short circuit current	kA	18
			Chart and at danont		



		Fuse rating	Α	800
		Fuse class		L
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			_
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protecti	on			
Pollution degree				3

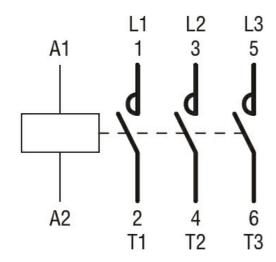
Dimensions



Wiring diagrams

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 420A, AC/DC COIL, 380...415VAC/DC



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Compliance

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

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching