



Product designation			Power contactor
Product type designation			B400
Contact characteristics		Nla	4
Number of poles		Nr. V	4
Rated insulation voltage Ui IEC/EN		kV	1000 8
Rated impulse withstand voltage Uimp		KV	0
Operational frequency	min	Hz	25
	min	Hz	400
IEC Conventional free air thermal current Ith	max	<u>п</u> 2 А	550
Operational current le		A	550
Operational current le	AC-1 (=40°C)	А	550
	AC-1 (=40 C) AC-1 (=55°C)	A	430
	AC-1 (=50°C)	A	360
	AC-3 (=440V =55°C)	A	420
	AC-3 (-440V - 55 C) AC-4 (400V)	A	200
Rated operational power AC-1 (T=40°C)	70 + (4007)	~	200
	230V	kW	200
	400V	kW	345
	500V	kW	452
	690V	kW	598
IEC max current le in DC1 with L/R = 1ms with 1 poles in series			
	75V	А	400
	110V	A	250
	220V	A	
	330V	А	
	460V	А	
IEC max current le in DC1 with L/R = 1ms with 2 poles in series			
	75V	А	400
	110V	А	400
	220V	А	350
	330V	А	
	460V	А	
IEC max current le in DC1 with L/R = 1ms with 3 poles in series			
	75V	А	400
	110V	А	400
	220V	А	400
	330V	А	350
	460V	Α	
IEC max current le in DC1 with L/R = 1ms with 4 poles in series			
	75V	А	400
	110V	А	400
	220V	А	400
	330V	А	400
	460V	А	350

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IEC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series			
	75V	А	350
	110V	A	200
	220V	A	
	330V	A	
	460V	A	
EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series			
	75V	А	350
	110V	A	350
	220V	A	280
	330V	A	
	460V	A	
IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series	1001	7	
	75V	А	350
	110V	A	350
	220V	A	350
	330V	A	280
	460V	A	
EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series	400 v	Α	
	75V	А	350
	110V	A	350
	220V	A	350
	330V	A	280
	460V	A	280
Short-time allowable current for 10s (IEC/EN60947-1)	400 v	 A	3600
Protection fuse		~	3000
r Totection Tuse	gG (IEC)	А	630
	• • •		400
Making capacity (RMS value)	aM (IEC)	A A	400
Breaking capacity at voltage		~	4200
Dreaking capacity at voltage	440V	۸	4000
		A	
	500V	A	3400
	690V	A	3360
Resistance per pole (average value)		m?	0.2
Power dissipation per pole (average value)	14	147	50
	Ith	W	52
T ' 1 (' ((')	AC3	W	32
Tightening torque for terminals		N.I	05
	min	Nm	35
	max	Nm	35
	min	Ibin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1
	min	Ibin	0.74
	max	Ibin	0.74
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	max		2x 300 kcmil
			IP00
Power terminal protection according to IEC/EN 60529			11 00



11B400400220 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 550A, AC/DC COIL, 220...240VAC/DC

Operating position

Operating position	normal allowable		Vertical plan ±30°
Fixing			Screw
Weight		g	1112
Conductor section			
AWG/kcmil conductor section			
	max		2x 300 kcmil
Operations			1000000
Mechanical life		cycles	1000000
Electrical life		cycles	700000
Safety related data			
Performance level B10d according to EN/ISO 13489-1	rated load	cycles	700000
	mechanical load	cycles	1000000
Mirror contats according to IEC/EN 609474-4-1	mechanicarioau	Cycles	yes
EMC compatibility			yes
AC coil operating			,
Rated AC voltage at 50/60Hz, 60Hz			
	min	V	220
	max	V	240
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up			
	min	%Us	80
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	60
of 50/60Hz coil powered at 60Hz			
pick-up	min	%Us	80
	min max	%Us %Us	110
drop-out	Шах	/005	110
	min	%Us	20
	max	%Us	60
of 60Hz coil powered at 60Hz	Пах	,	
pick-up			
	min	%Us	80
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	60
AC average coil consumption at 20°C			
of 50/60Hz coil powered at 50Hz	<u>.</u>		
	in-rush	VA	300
	holding	VA	10
of 50/60Hz coil powered at 60Hz	••	174	200
	in-rush	VA	300
Dissipation at holding -20°C 50H-	holding	VA W	10
Dissipation at holding =20°C 50Hz DC coil operating		VV	10

DC rated control voltage



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220...240VAC/DC

			min	V	220
20 // //			max	V	240
DC operating voltage					
	pick-up			0/110	0.0
			min	%Us	80
	drop out		max	%Us	110
	drop-out		min	%Us	20
			max	%Us	60
Average coil consump	tion =20°C		Пах	/000	00
tronago con concamp			in-rush	W	300
			holding	W	10
Max cycles frequency			J. J. J.		-
Mechanical operation				cycles/h	2400
Operating times				ý	
verage time for Us co	ontrol				
-	in AC				
		Closing NO			
			min	ms	80
			max	ms	120
		Opening NO			
			min	ms	30
			max	ms	75
	in DC				
		Closing NO			
			min	ms	80
			max	ms	120
		Opening NO			
			min	ms	30
JL technical data			max	ms	75
Full-load current (FLA)	for three-phase AC	motor			
	nor unee-phase AC i	notor	at 480V	А	414
			at 600V	A	382
rielded mechanical pe	orformance		at 000 v	Λ	502
	for three-phase AC	motor			
		motor	200/208V	HP	125
			220/230V	HP	150
			460/480V	HP	350
			575/600V	HP	400
General USE					
	Contactor				
			AC current	А	550
Short-circuit protection	n fuse, 600V				
	Standard fault				
			Short circuit current	kA	18
			Fuse rating	А	800
			Fuse class		L
Ambient conditions					
Femperature					
	Operating temperat	ure			
			min	°C	-50
			max	°C	70
	Storage temperatur				

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding 11B400400220

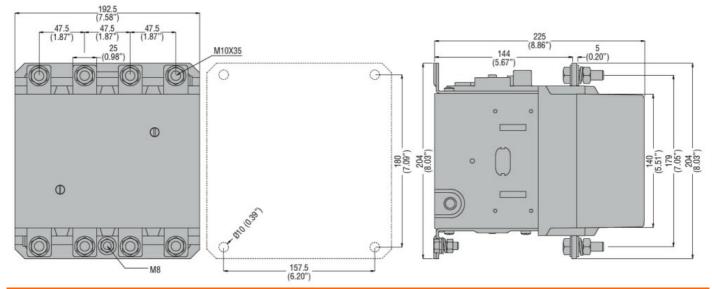


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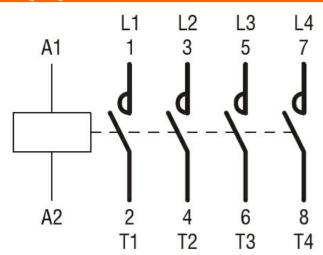
220...240VAC/DC

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	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



Wiring diagrams



Certifications and	compliance
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 classificatio	n .

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ETIM 8.0

EC000066 -Power contactor, AC switching