



Product designation			Power contacto
Product type designation			B400
Contact characteristics Number of poles		Nr.	4
Rated insulation voltage Ui IEC/EN		V	1000
Rated insulation voltage of 120/210		kV	8
Operational frequency		ΝV	0
Operational mequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	max	A	550
Operational current le			000
	AC-1 (≤40°C)	А	550
	AC-1 (≤55°C)	A	430
	AC-1 (≤70°C)	A	360
	AC-3 (≤440V ≤55°C)	A	420
	AC-4 (400V)	A	200
Rated operational power AC-1 (T≤40°C)			
	230V	kW	200
	400V	kW	345
	500V	kW	452
	690V	kW	598
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	75V	А	400
	110V	А	250
	220V	А	
	330V	А	
	460V	Α	
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	75V	А	400
	110V	А	400
	220V	А	350
	330V	А	
	460V	A	
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	75V	А	400
	110V	A	400
	220V	A	400
	330V	A	350
	460V	A	
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series	_		100
	75V	A	400
	110V	A	400
	220V	A	400
	330V	A	400
	460V	А	350

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EC max current le in DC3-DC5 with L/R \leq 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 \leq 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 \leq 15ms with 3 poles in series	1001		
	75V	А	350
	110V	A	350
	220V	A	350
	330V	A	280
	460V	A	
EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series	400 V	~	
	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		Λ	3000
	gG (IEC)	А	630
	aM (IEC)	A	400
Making capacity (RMS value)		A	4200
Breaking capacity at voltage		~	4200
Dreaking capacity at voltage	440V	А	4000
	500V		3400
		A	
	690V	A	3360
Resistance per pole (average value)		mΩ	0.2
Power dissipation per pole (average value)			50
	Ith	W	52
T' - 1 (AC-3	W	32
Tightening torque for terminals		Niss	05
	min	Nm	35
	max	Nm	35
	min	lbin	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
Power terminal protection according to IEC/EN 60529			IP00
Mechanical features			



11B400400440 FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 550A, AC/DC COIL, 440...480VAC/DC

Operating position

Operating position	normal		Vertical plan
Fixing	allowable		±30° Screw
Fixing Weight		0	1114
Conductor section		g	1114
AWG/kcmil conductor section			
	max		2x 300 kcmil
Operations	Пах		
Nechanical life		cycles	10000000
Electrical life		cycles	700000
Safety related data		-,	
Performance level B10d according to EN/ISO 13489-1			
5	rated load	cycles	700000
	mechanical load	cycles	1000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			-
Rated AC voltage at 50/60Hz, 60Hz			
	min	V	440
	max	V	480
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
data aut	max	%Us	110
drop-out		0/11-	20
	min	%Us %Uc	20
	max	%Us	60
of 60Hz coil powered at 60Hz pick-up			
pick-up	min	%Us	80
	max	%Us %Us	110
drop-out	IIIdX	/005	110
ulop-out	min	%Us	20
	max	%Us	60
AC average coil consumption at 20°C	Шах	,	
of 50/60Hz coil powered at 50Hz			
	in-rush	VA	300
	holding	VA	10
of 50/60Hz coil powered at 60Hz	norany	., .	. •
	in-rush	VA	300
	holding	VA	10
Dissipation at holding ≤20°C 50Hz		W	10
DC coil operating			-

DC rated control voltage



FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 550A, AC/DC COIL,

440...480VAC/DC

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			min	V	440
			max	V	480
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
	-		min	%Us	20
			max	%Us	60
Average coil consump	tion ≤20°C				
-			in-rush	W	300
			holding	W	10
Max cycles frequency			, i i i i i i i i i i i i i i i i i i i		
Aechanical operation				cycles/h	2400
Operating times				,	
Average time for Us co	ontrol				
0	in AC				
		Closing NO			
		U -	min	ms	80
			max	ms	120
		Opening NO		-	-
		- p	min	ms	30
			max	ms	75
	in DC				-
		Closing NO			
		g	min	ms	80
			max	ms	120
		Opening NO			
		- p	min	ms	30
			max	ms	75
JL technical data				-	-
Full-load current (FLA)	for three-phase AC	motor			
			at 480V	А	414
			at 600V	A	382
rielded mechanical pe	rformance				
	for three-phase AC	motor			
			200/208V	HP	125
			220/230V	HP	150
			460/480V	HP	350
			575/600V	HP	400
General USE			010/0001		100
	Contactor				
	Jonalio		AC current	А	550
Short-circuit protection				Π	
	Standard fault				
	Stanuaru idult		Short circuit current	kA	18
			Fuse rating	A	800
			Fuse class	А	800 L
Ambient conditions					
Femperature	Opproving to see	turo			
	Operating tempera	ture		• •	50
			min	°C °C	-50
	0		max	°C	70
	Storage temperatu	re			

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 11B400400440

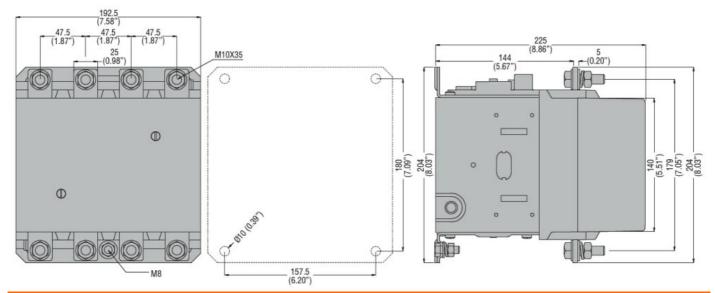


FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 550A, AC/DC COIL, 440...480VAC/DC

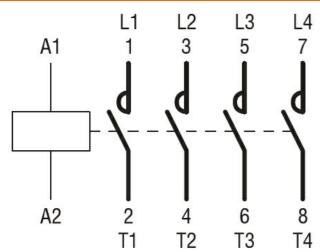
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min
max°C
°C-60
80Max altitudem3000Resistance & ProtectionPollution degree3

Dimensions



Wiring diagrams



Certifications and compliance

Certifications and	
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	on la

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FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 550A, AC/DC COIL, 440...480VAC/DC

ETIM 8.0

EC000066 -Power contactor, AC switching