



Product designation			Power contactor
Product type designation Contact characteristics			B400
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			0
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	550
Operational current le			
	AC-1 (=40°C)	А	550
	AC-1 (=55°C)	А	430
	AC-1 (=70°C)	А	360
	AC-3 (=440V =55°C)	А	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
Deted energianal neuron AC 1 (T-10°C)	1000V	kW	208
Rated operational power AC-1 (T=40°C)	2201/	1.1.1.7	200
	230V 400V	kW kW	200
	400V 500V	kw	345 452
	690V	kW	598
IEC max current le in DC1 with L/R = 1ms with 1 poles in series	030 V		550
	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	A	400

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	330V	А	350
	460V	А	
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
IEC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series			
	75V	А	350
	110V	А	200
	220V	А	
	330V	А	
	460V	А	
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			
	75V	А	350
	110V	A	350
	220V	A	350
	330V	A	280
	460V	A	
IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series	4007	~	
120 max current le in $200-2005$ with $270 - 15005$ with 4 poles in series	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
FIOLECIIOTITUSE		٨	630
	gG (IEC)	A	400
Making consoity (DMS value)	aM (IEC)	<u>A</u>	
Making capacity (RMS value)		A	4200
Breaking capacity at voltage	44017	۸	1000
	440V	A	4000
	500V	A	3400
	690V	A	3360
Resistance per pole (average value)		m?	0.2
Power dissipation per pole (average value)			50
	Ith	W	52
	AC3	W	32
Tightening torque for terminals			
	min	Nm	35
	max	Nm	35
	min	Ibin	25.8
			~ - ~
	max	lbin	25.8
Tightening torque for coil terminal	max	lbin	25.8
Tightening torque for coil terminal	max min	Ibin Nm	



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ENERGY AND AUTOMATION			
	min	Ibin	0.74
	max	Ibin	0.74
Max number of wires simultaneously connectable	IIIdA	Nr.	2
Conductor section			<u> </u>
AWG/Kcmil			
	max		2x 300 kcmil
Power terminal protection according to IEC/EN 60529	max		IP00
Mechanical features			11 00
Operating position			
	normal		Vertical plan
	allowable		±30°
Fixing			Screw
Weight		g	9450
Conductor section		Э	
AWG/kcmil conductor section			
	max		2x 300 kcmil
Operations			
Mechanical life		cycles	10000000
Electrical life		cycles	700000
Safety related data		2,0100	
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	700000
	mechanical load	cycles	10000000
Mirror contats according to IEC/EN 609474-4-1		,	yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 50/60Hz, 60Hz			
<b>0</b>	min	V	440
	max	V	415
AC operating voltage			
of 50/60Hz coil powered at 50Hz	Z		
pick-up			
	min	%Us	80
	max	%Us	110
drop-out			
•	min	%Us	20
	max	%Us	60
of 50/60Hz coil powered at 60Hz	Z		
, pick-up			
	min	%Us	80
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	60
of 60Hz coil powered at 60Hz			
pick-up			

pick-up min %Us 80 %Us 110 max drop-out %Us 20 min %Us 60 max AC average coil consumption at 20°C

## of 50/60Hz coil powered at 50Hz

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			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil po	wered at 60Hz	5		
	0. 00,001. <u>–</u> 00po		in-rush	VA	300
			holding	VA	10
Dissinction of holding .	-20%0 5011-		noiding		
Dissipation at holding	=20°C 50HZ			W	10
DC coil operating					
DC rated control voltag	ge				
			min	V	440
			max	V	415
DC operating voltage					
	pick-up				
	hier ab		min	%Us	80
			max	%Us	110
	dran out		max	/003	110
	drop-out		·	0/11-	20
			min	%Us	20
<u> </u>			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				
	in AC				
		Closing NO			
			min		80
			min	ms	
			max	ms	120
		Opening NO			
			min	ms	30
			max	ms	75
	in DC				
		Closing NO			
			min	ms	80
			max	ms	120
		Opening NO			
		. 0	min	ms	30
			max	ms	75
UL technical data					
Full-load current (FLA)	for three-phase AC	motor			
			at 480V	А	414
			at 600V		382
Violdod mochanissi	rformores		ai 600V	A	302
Yielded mechanical pe		0			
	for three-phase A	C 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	fuse, 600V				
	Standard fault				
			Short circuit current	kA	18
			Short circuit current	K/A	10

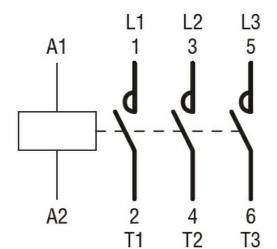


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Ambient conditions Temperature	Operating temperature Storage temperature	Fuse rating       A       800         Fuse class       L         min       °C       -50         max       °C       70         min       °C       -60         max       °C       80
Max altitude		m 3000
Resistance & Protecti	ion	3
Pollution degree Dimensions		3
	H7.5 .877) 25 0.98") M10X35 0 0 0 0 0 0 0 0 0 0 0 0 0	(0,0)



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## Certifications and compliance

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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	n de la constante de la constan

ETIM 8.0

EC000066 -Power contactor, AC switching