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Product designation Power contactor Product type designation B400 Contact characteristics Nr. 3 Number of poles Rated insulation voltage Ui IEC/EN V 1000 k٧ Rated impulse withstand voltage Uimp 8 **Operational frequency** min Hz 25 max Hz 400 IEC Conventional free air thermal current Ith 550 A 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) 200 А Rated operational power AC-3 (T≤55°C) kW 130 230V 400V kW 225 415V kW 247 440V kW 263 500V kW 271 690V kW 352 1000V kW 208 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 ≤ 1ms with 1 poles in series 75V А 400 110V А 250 220V А --330V А ---460V A --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 400 А

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11B40000220 Three-pole contactor, IEC operating current le (AC3) = 420A, AC/DC coil, 220...240VAC/DC

	330V	А	350
	460V	A	
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series		-	
	75V	A	400
	110V	A	400
	220V	A	400
	330V	A	400
$I_{\rm EC}$ may surrant lain DC2 DC5 with $1/D < 45$ may with 4 nation in particular	460V	A	350
IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series	75\/	^	250
	75V 110V	A	350
	220V	A A	200
	220V 330V		
		A	
IFC may surrant to in DC2 DC5 with L/D < 15ms with 2 pales in series	460V	A	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series	75\/	^	250
	75V 110V	A	350 350
	110V 220V	A	350
	220V 330V	A A	280
	460V	A	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series	400 V	A	
The current is in DC3-DC5 with $L/R \leq 15$ ins with 5 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 \leq 15ms with 4 poles in series	400 V	Α	
into max current le in DOS-DOS with E/K = 15ms 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)	1001	A	3600
Protection fuse		,,	
	gG (IEC)	А	630
	aM (IEC)	A	400
Making capacity (RMS value)		A	4200
Breaking capacity at voltage			
	440V	А	4000
	500V	A	3400
	690V	A	3360
Resistance per pole (average value)		mΩ	0.2
Power dissipation per pole (average value)			·
	lth	W	52
	AC3	W	32
Tightening torque for terminals			-
	min	Nm	35
	max	Nm	35
	min	Ibin	25.8
	max	Ibin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1

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		min	lbin Ibin	0.74
Max number of wirco	simultaneously connectable	max	lbin Nr.	0.74
Conductor section			INI.	۷
	AWG/Kcmil			
		max		2x 300 kcmil
Power terminal protect	ction according to IEC/EN 60529			IP00
Mechanical features				
Operating position				
		normal		Vertical plan
<u></u>		allowable		±30°
Fixing				Screw
Weight			g	9600
Conductor section	AWC/kemil conductor section			
	AWG/kcmil conductor section	mov		2x 300 kcmil
Operations		max		
Mechanical life			cycles	10000000
Electrical life			cycles	700000
Safety related data			,	
	0d according to EN/ISO 13489-1			
		rated load	cycles	700000
		mechanical load	cycles	1000000
	ing to IEC/EN 609474-4-1			yes
EMC compatibility	ing to IEC/EN 609474-4-1			yes yes
EMC compatibility AC coil operating				-
EMC compatibility			N	yes
EMC compatibility AC coil operating		min	V	yes 220
EMC compatibility AC coil operating Rated AC voltage at 5		min max	V V	yes
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz			yes 220
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz			yes 220
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz			yes 220
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	max	V	yes 220 240
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	max min	V %Us %Us	yes 220 240 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up	max min max min	V %Us %Us %Us	yes 220 240 80 110 20
EMC compatibility AC coil operating	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	max min max	V %Us %Us	yes 220 240 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min	V %Us %Us %Us	yes 220 240 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	max min max min max	V %Us %Us %Us %Us	yes 220 240 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max min	V %Us %Us %Us %Us	yes 220 240 80 110 20 60 80
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max min max	V %Us %Us %Us %Us	yes 220 240 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max min max	V %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max min max min max min	V %Us %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out	max min max min max min max	V %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	max min max min max min max min	V %Us %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out	max min max min max min max min	V %Us %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	max min max min max min max min max	V %Us %Us %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out drop-out	max min max min max min max min max min max	V %Us %Us %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110 20 60 80 80
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out of 60Hz coil powered at 60Hz pick-up	max min max min max min max min max min max	V %Us %Us %Us %Us %Us %Us %Us	yes 220 240 80 110 20 60 80 110 20 60 80 80

of 50/60Hz coil powered at 50Hz

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Three-pole contactor, IEC o С

operating current le (AC3) =	420A, AC/[DC coil,	220240VAC/D0
	in-rush	VA	300

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		in-rush	VA	300
		holding	VA	10
	of 50/60Hz coil powered at 60Hz			
	·	in-rush	VA	300
		holding	VA	10
Dissipation at holding :	<20°C 50Hz		W	10
DC coil operating			••	10
DC rated control voltage	20			
	Je			000
		min	V	220
_		max	V	240
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			
tranage con consump		in-rush	W	300
		holding	W	10
Max cycles frequency				0.400
Mechanical operation			cycles/h	2400
Operating times				
Average time for Us co	ontrol			
	in AC			
	Closing NO			
		min	ms	80
		max	ms	120
	Opening NO			
	e per mig i re	min	ms	30
		max	ms	75
	in DC	max	1113	15
	Closing NO			
		min	ms	80
		max	ms	120
	Opening NO			
		min	ms	30
		max	ms	75
UL technical data				
Full-load current (FLA)	for three-phase AC motor			
		at 480V	А	414
		at 600V	A	382
Yielded mechanical pe	rformance	4.0007		
noidea mechanical pe				
	for three-phase AC motor	000/0001		105
		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 aircuit aurrent	L ۸	10
		Short circuit current	kA	18
The she is the second s				

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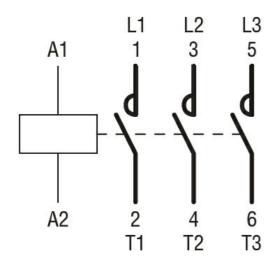
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Ambient conditions Temperature		Fuse rating A 800 Fuse class L
·	Operating temperature	
		min °C -50
	<u></u>	max °C 70
	Storage temperature	min °C -60
		max °C 80
Max altitude		m 3000
Resistance & Protectic	on	
Pollution degree		3
Dimensions		
	25 .98") M10X35 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	(0.567)





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 classification	

ETIM 8.0

EC000066 -Power contactor, AC switching