





			. V . C
Product designation			Power contactor
Product type designation			B6301000
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			-
operation and queries,	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	1000
Operational current le			
operational carrette	AC-1 (≤40°C)	Α	1000
	AC-1 (≤55°C)	A	850
	AC-1 (≤70°C)	Α	700
	AC-4 (400V)	Α	260
Rated operational power AC-1 (T≤40°C)	710 4 (4001)		200
Nated operational power 70-1 (12-40-0)	230V	kW	350
	400V	kW	600
	500V	kW	750
	690V	kW	1000
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	030 V	IXVV	1000
120 max current le in 201 with 2/1(2 mis with 1 poles in series	75V	Α	800
	110V	A	460
	220V	A	
	330V	A	
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	400 V		
TEC Max current le in DCT with E/N 3 mis with 2 poles in series	75V	Α	800
	110V	A	800
	220V	A	700
	330V	A	700
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	400 V		
TEC Max current le in DCT with E/IC 3 mis with 5 poles in series	75V	Α	800
	110V	A	800
	220V	A	800
	330V	A	700
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	400 0		
ILO max current le in DOT with L/K > This with 4 poles in series	75V	٨	900
	75V 110V	A	800 800
	220V	A A	800
	330V		750
	460V	A	750 700
	4007	A	100

IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series



THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL, 60VAC/DC

	75V	Α	800
	110V	Α	460
	220V	Α	
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	75V	Α	800
	110V	Α	800
	220V	Α	700
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
•	75V	Α	800
	110V	Α	800
	220V	Α	800
	330V	Α	650
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	400 V		
TEO Max current le in 600-600 with E/N 2 10/113 with 4 poles in series	75V	Α	800
	110V	A	800
	220V		800
	330V	A	
		A	650
Object times allowed by surrout for AOS (IFO/FNCOOAT A)	460V	A	700
Short-time allowable current for 10s (IEC/EN60947-1)		Α	5600
Protection fuse	0 (150)	•	4000
	gG (IEC)	A	1000
Making capacity (RMS value)		Α	6300
Breaking capacity at voltage			
	440V	Α	6300
	500V	Α	5600
	690V	Α	5000
Resistance per pole (average value)		mΩ	0.14
Power dissipation per pole (average value)			
	Ith	W	140
	AC-3	W	56
Tightening torque for terminals			
	min	Nm	55
	max	Nm	55
	min	lbin	40.6
	max	lbin	40.6
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1
	min	lbin	0.74
	max	lbin	0.74
Max number of wires simultaneously connectable	ПОЛ	Nr.	2
Conductor section			
AWG/Kcmil			
AVVG/NOTIII			2v 000 ke=:1
Decrease and a material and a state of the control	max		2x 900 kcmil
Power terminal protection according to IEC/EN 60529			IP00
Mechanical features			
Operating position			
	normal		Vertical plan



THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL,

		allowable		±30°
Fixing				Screw
Weight			g	2120
Operations			J	
Mechanical life			cycles	5000000
Electrical life			cycles	700000
Safety related data			•	
	od according to EN/ISO 13489-1			
	-	rated load	cycles	700000
		mechanical load	cycles	5000000
Mirror contats according	ng to IEC/EN 609474-4-1		-	Yes
EMC compatibility	-			yes
AC coil operating				
Rated AC voltage at 50	0/60Hz		V	60
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
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	60
	of 60Hz coil powered at 60Hz			
	pick-up	_		
		min	%Us	80
		max	%Us	110
	drop-out		0/11	
		min	%Us	20
10	1, 10000	max	%Us	60
AC average coil consu	•			
	of 50/60Hz coil powered at 50Hz		١/٨	400
		in-rush	VA VA	400
	of EO/COLIT poil normand at COLIT	holding	VA	18
	of 50/60Hz coil powered at 60Hz	ام. سیدا	١/٨	400
		in-rush	VA VA	400
Dissipation at holding	<20°C 50∐-7	holding	VA W	18
DC coil operating	-20 O JULIZ		V V	10
DC rated control voltage	10		V	60
DC operating voltage	y ∼		v	
20 operating voltage	pick-up			
	pion up	min	%Us	80
		max	%Us	110
	drop-out	ших	,,,,,	
	3.0p out	min	%Us	20
		max	%Us	60
Average coil consump	tion ≤20°C	THOX		





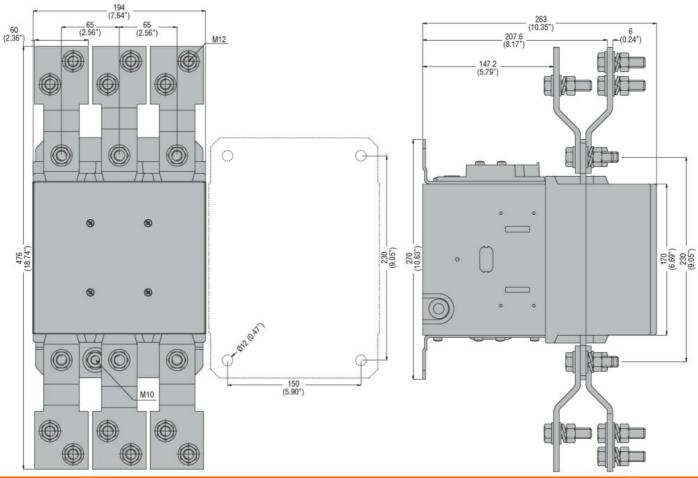
THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL,

			in-rush holding	W W	400 18
Max cycles frequency			nolaling	VV	10
Mechanical operation				cycles/h	1200
Operating times				.,	
Average time for Us co	ntrol				
	in AC				
		Closing NO			
			min	ms	110
			max	ms	180
		Opening NO			00
			min	ms	60
	in DC		max	ms	100
	III DC	Closing NO			
		Closing 140	min	ms	110
			max	ms	180
		Opening NO			
		. 0	min	ms	60
			max	ms	100
UL technical data					
Rated operational volta	ge AC (UL)			V	600
General USE					
	Contactor			_	
0			AC current	Α	1000
Short-circuit protection					
	Standard fault		Short circuit current	kA	18
			Fuse rating	A	1500
			Fuse class	^	L
Ambient conditions			1 400 01400		_
Temperature					
1	Operating temperature				
			min	°C	-50
			max	°C	70
	Storage temperature				
			min	°C	-60
			max	°C	80
Max altitude				m	3000
Resistance & Protectio	n				
Pollution degree					3
Dimensions					

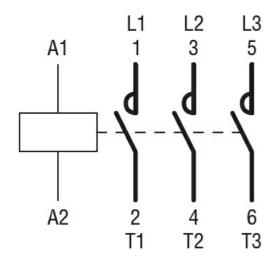


ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL,



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



11B63010000060

THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1000A, AC/DC COIL, 60VAC/DC

cULus		
FAC		

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching