11B310400380



electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 450A, AC/DC COIL, 380... 415VAC/DC



Product type designation B310 Contact characteristics	Product designation			Power contactor
Contact characteristics nr. 4 Number of poles nr. 4 Rated insulation voltage Ui V 1000 Rated insulation voltage Uinp kV 8 Operating frequency Operational frequency min Hz 25 Operational frequency max Hz 400 Conventional free air thermal current Ith A 450 Operational current AC1 (≤40°C) A 450 Operational current AC3 (≤40V ≤55°C) A 320 Querational power AC1 (T≤40°C) 230V kW 158 400V kW 270 500V kW 158 400V kW 100 400V kW 100 Rated operational power AC3 (T≤55°C) 230V kW 100 400V kW 170 8 440V kW 100 400V kW 180 900V kW 100 400V kW 180 900V kW 100 400V kW 100 <th>-</th> <th></th> <th></th> <th></th>	-			
Number of poles nr. 4 Rated insulation voltage Uimp v 1000 Rated insulation voltage Uimp kV 8 Operating frequency Operational frequency max Hz 25 Operating current Operational frequency max Hz 400 Conventional free air thermal current lth A 450 Operational current AC1 (≤40°C) A 450 Operational current AC3 (≤440V ≤55°C) A 320 Operational current AC4 (400V) A 110 Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 500V kW 350 690V kW 488 8 8 Rated operational power AC3 (T≤55°C) 230V kW 100 415V kW 100 415V kW 100 400V kW 188 440V kW 200 500V kW 128 690V kW 100 415V kW <td< td=""><td></td><td></td><td></td><td>2010</td></td<>				2010
Rated insulation voltage Ui V 1000 Rated impulse withstand voltage Uimp kV 8 Operating frequency Operational frequency min Hz 25 Operational frequency main Hz 25 0 Operational frequency main Hz 400 400 Operational frequency main Hz 450 0 Operational current AC1 (≤40°C) A 450 0 Operational current AC3 (≤400 ≤55°C) A 320 0 Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 500V kW 158 400V kW 270 500V kW 100 800V kW 100 400V kW 100 400V kW 170 415V kW 100 400V kW 170 415V kW 188 690V kW 170 415V kW 180 500V kW			nr.	4
Rated impulse withstand voltage Uimp kV 8 Operating frequency Operational frequency min Hz 25 Operational frequency max Hz 400 Conventional free air thermal current lth A 450 Operational current AC1 (≤40°C) A 450 Operational current AC3 (≤440V ≤55°C) A 320 Operational current AC4 (400V) A 450 Rated operational power AC1 (T≤40°C) 230V kW 158 4000 kW 270 500V kW 158 400V kW 270 500V kW 188 Rated operational power AC3 (T≤55°C) 230V kW 100 400V kW 170 415V kW 188 440V kW 120 500V kW 188 690V kW 180 500V kW 180 500V 500V kW 180 Fractional power AC3 (T≤55°C) 230V kW 188 440V kW 213 690V 690V kW 256 1000V kW 1			V	1000
Operational frequency Depresentational frequency max Hz 25 Operational frequency max Hz 400 Conventional free air thermal current lth A 450 Operational current AC1 (s40°C) A 450 Operational current AC3 (s440v s55°C) A 320 Operational current AC3 (s440v s55°C) A 320 Operational current AC3 (s440v s55°C) A 320 Conventional power AC1 (Ts40°C) 230V kW 158 4000 kW 230V kW 158 4000 kW 350 690V kW 488 Rated operational power AC3 (Ts55°C) 230V kW 100 400V kW 100 400V kW 100 400V kW 100 400V kW 123 690V kW 266 500V kW 266 1000V kW 180 100V kW 256 1000V kW 260 A 400 A	-		kV	8
Operational frequency max Hz 400 Conventional free air thermal current lth A 450 Operating current Operational current AC1 (≤40°C) A 450 Operational current AC3 (≤440V ≤55°C) A 320 Operational current AC4 (400V) A 110 Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 S00V kW 350 690V kW 488 Rated operational power AC3 (T≤55°C) 230V kW 100 400V kW 170 415V kW 100 400V kW 180 Short-time allowable current for 10s (IEC/EN60947-1) A 2900 Protection fuse gG (IEC) A 3150 Breaking capacity (RMS value) A 3150 Breaking capacity (RMS value) A 2520 A 2520 Reaking capacity tivoltage Breaking capacity 500V A 2520 Reaking capacity at voltage Breaking capacity 690V A 2520				
Conventional free air thermal current lth A 450 Operating current Operational current AC1 (540°C) A 450 Operational current AC3 (5440V 555°C) A 320 Operational current AC3 (5440V 555°C) A 320 Operational current AC4 (400V) A 110 Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 500V kW 280 Rated operational power AC3 (T≤55°C) 230V kW 100 230V kW 100 400V kW 170 415V kW 188 440V kW 200 500V kW 188 440V kW 213 690V kW 180 500V kW 180 Short-time allowable current for 10s (IEC/EN60947-1) A 2900 2900 Protection fuse gG (IEC) A 500 adM (IEC) A 400 Making capacity (RMS value) A 3150 Breaking capacity 500V A 2520 2520 2520 2520 2520 2520		Operational frequency min	Hz	25
Operating current Operational current AC1 (≤40°C) A 450 Operational current AC3 (≤440V ≤55°C) A 320 Operational current AC4 (400V) A 110 Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 500V kW 350 690V kW 488 690V kW 488 Rated operational power AC3 (T≤55°C) 230V kW 100 400V kW 200 230V kW 100 400V kW 200 500V kW 200 416V kW 100 400V kW 200 500V kW 226 1000V kW 180 500V kW 256 1000V kW 180 Short-time allowable current for 10s (IEC/EN60947-1) A 2900 200 200 200 200 200 200 200 200 200 200 200 200 200 200 2			Hz	400
Operational current AC1 (≤40°C) A 450 Operational current AC3 (≤440V ≤55°C) A 320 Operational current AC3 (≤440V ≤55°C) A 320 Operational current AC3 (4400V) A 110 Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 500V kW 350 690V kW 488 690V kW 100 400V kW 100 400V kW 100 400V kW 100 400V kW 100 400V kW 100 400V kW 100 415V kW 100 400V kW 200 500V kW 256 1000V kW 256 1000V kW 180 400 A 3150 Breaking capacity (RMS value) A 3150 Breaking capacity 440V A 3000 Breaking capacity for two tage Breaking capacity 690V A <td>Conventional free air thermal current Ith</td> <td></td> <td>А</td> <td>450</td>	Conventional free air thermal current Ith		А	450
Operational current AC3 (5440V 555°C) A 320 Operational current AC4 (400V) Rated operational power AC1 (T≤40°C) 230V kW 158 400V kW 270 550V 500V kW 350 690V kW 350 Rated operational power AC3 (T≤55°C) 230V kW 100 400V kW 100 400V kW 100 400V kW 100 415V kW 100 400V kW 170 415V kW 100 400V kW 200 500V kW 213 690V kW 256 1000V kW 226 2000 200 200 Protection fuse gG (IEC) A 500 adl (IEC) A 400 Making capacity (RMS value) A 3150 3150 3150 3150 Breaking capacity (RMS value) M A 3000 Breaking capacity 440V A 3000 Breaking capacity (RMS value) M A 2520 <td>Operating current</td> <td></td> <td></td> <td></td>	Operating current			
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		Operational current AC1 (≤40°C)	А	450
Rated operational power AC1 (T≤40°C)230VkW158400VkW270500VkW350690VkW488Rated operational power AC3 (T≤55°C)230VkW415VkW100400VkW170415VkW188440VkW200500VkW213690VkW2661000VkW2661000VkW180Short-time allowable current for 10s (IEC/EN60947-1)A2900Protection fusegG (IEC)A500aM (IEC)A400A3150Breaking capacity (RMS value)A3150Breaking capacity 500VA2700Breaking capacity at voltageBreaking capacity 500VA2520Resistance per pole (average value)mΩ0.2Power dissipation pole (average value)Power dissipation pole (average value) Ith AC3W40.5AC3W20Tightening torque for terminalsminNm35minIblt25.8		Operational current AC3 (≤440V ≤55°C)	А	320
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Operational current AC4 (400V)	А	110
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC1 (T≤40°C)			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		230V	kW	158
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$		400V	kW	270
Rated operational power AC3 (T≤55°C)230VkW100400VkW170415VkW188440VkW200500VkW213690VkW2561000VkW180Short-time allowable current for 10s (IEC/EN60947-1)A2900Protection fusegG (IEC)AgG (IEC)A500aM (IEC)A400Making capacity (RMS value)A3150Breaking capacity at voltageBreaking capacity 500VABreaking capacity 690VA2520Resistance per pole (average value)mΩ0.2Power dissipation per pole (average value)mΩ0.2Power dissipation pole (average value)mΩ35minNm35maxNm35min<		500V	kW	350
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		690V	kW	488
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC3 (T≤55°C)			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		230V	kW	100
$\begin{array}{c ccccc} & 440 & kW & 200 \\ 500 & kW & 213 \\ 690 & kW & 256 \\ 1000 & kW & 180 \\ \hline \end{array}$		400V	kW	170
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		415V	kW	188
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		440V	kW	200
1000VkW180Short-time allowable current for 10s (IEC/EN60947-1)A2900Protection fusegG (IEC)A500aM (IEC)A400Making capacity (RMS value)A3150Breaking capacity at voltageBreaking capacity 440VA3000Breaking capacity 500VA2700Breaking capacity 690VA2520Resistance per pole (average value)mΩ0.2Power dissipation per pole (average value)Power dissipation pole (average value) 1thW40.5AC3W20Tightening torque for terminalsminNm35maxNm35minlbft25.8		500V	kW	213
Short-time allowable current for 10s (IEC/EN60947-1) A 2900 Protection fuse gG (IEC) A 500 aM (IEC) A 400 Making capacity (RMS value) A 3150 Breaking capacity at voltage Breaking capacity 440V A 3000 Breaking capacity 500V A 2700 Breaking capacity 690V A 2520 Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Power dissipation pole (average value) Ith W 40.5 AC3 W 20 Tightening torque for terminals min Nm 35 min Ibft 25.8 Min 35		690V	kW	256
Protection fuse gG (IEC) A 500 aM (IEC) A 400 Making capacity (RMS value) A 3150 Breaking capacity at voltage Breaking capacity 440V A 3000 Breaking capacity 500V A 2700 Breaking capacity 500V A 2520 Resistance per pole (average value) mΩ 0.2 Power dissipation pole (average value) Ith W 40.5 AC3 W 20 Tightening torque for terminals min Nm 35 min Ibft 25.8 S5.8 S5.8		1000V	kW	180
gG (IEC) aM (IEC)A500 AMaking capacity (RMS value)A3150Breaking capacity at voltageBreaking capacity 440V Breaking capacity 500V Breaking capacity 500V Breaking capacity 690VA3000 AResistance per pole (average value)mΩ0.2Power dissipation per pole (average value)Power dissipation pole (average value) Ith AC3W40.5 AS3Tightening torque for terminalsminNm35 max 	Short-time allowable current for 10s (IEC/EN6	60947-1)	А	2900
aM (IEC)A400Making capacity (RMS value)A3150Breaking capacity at voltageBreaking capacity 440VA3000Breaking capacity 500VA2700Breaking capacity 690VA2520Resistance per pole (average value)mΩ0.2Power dissipation per pole (average value)mΩ0.2Power dissipation pole (average value)mΩ20Tightening torque for terminalsminNm35maxNm35minIbft25.825.8	Protection fuse			
Making capacity (RMS value) A 3150 Breaking capacity at voltage Breaking capacity 440V A 3000 Breaking capacity 500V A 2700 Breaking capacity 500V A 2700 Breaking capacity 690V A 2520 Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Power dissipation pole (average value) lth W 40.5 AC3 W 20 20 20 Tightening torque for terminals min Nm 35 min Ibft 25.8 25.8		gG (IEC)	А	500
Breaking capacity at voltage Breaking capacity 440V A 3000 Breaking capacity 500V A 2700 Breaking capacity 690V A 2520 Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Power dissipation pole (average value) Ith W 40.5 AC3 W 20 Tightening torque for terminals min Nm 35 min Ibft 25.8 25.8 Nm 35		aM (IEC)	А	400
Breaking capacity 440V Breaking capacity 500V Breaking capacity 500V Breaking capacity 690VA2700 2700 AResistance per pole (average value)mΩ0.2Power dissipation per pole (average value)mΩ40.5 AC3AC3W20Tightening torque for terminalsminNmMinNm35 max minMinIbft25.8	Making capacity (RMS value)		А	3150
Breaking capacity 500V Breaking capacity 690V A 2700 A Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Power dissipation pole (average value) lth W 40.5 AC3 Tightening torque for terminals min Nm 35 min Min Nm 35 min Min 1bft 25.8	Breaking capacity at voltage			
Breaking capacity 690V A 2520 Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Power dissipation pole (average value) Ith AC3 W 40.5 AC3 W 20 20 Tightening torque for terminals min Nm 35 35 min Ibft 25.8		Breaking capacity 440V	А	3000
Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Power dissipation pole (average value) lth W 40.5 AC3 W 20 Tightening torque for terminals min Nm 35 min lbft 25.8		Breaking capacity 500V	А	2700
Power dissipation per pole (average value) Power dissipation pole (average value) Ith W 40.5 AC3 W 20 Tightening torque for terminals min Nm 35 max Nm 35 min Ibft 25.8		Breaking capacity 690V	А	2520
Power dissipation pole (average value) lth W 40.5 AC3 W 20 Tightening torque for terminals min Nm 35 max Nm 35 min lbft 25.8	Resistance per pole (average value)		mΩ	0.2
AC3W20Tightening torque for terminalsminNm35maxNm35minlbft25.8				
AC3W20Tightening torque for terminalsminNm35maxNm35minlbft25.8	· · - · ·	Power dissipation pole (average value) Ith	W	40.5
min Nm 35 max Nm 35 min Ibft 25.8		AC3	W	20
max Nm 35 min Ibft 25.8	Tightening torque for terminals			
min lbft 25.8		min	Nm	35
min lbft 25.8		max		
		min		
		max		

electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 450A, AC/DC COIL, 380...

ENERGY AND AUTOMATION

415VAC/DC

11B310400380

	simultaneously connectable		nr.	2
Conductor section				
	AWG			
		max		2x 3/0
Power terminal protect	ction according to IEC/EN 60529			IP00
Auxiliary contact chara	acteristics			
Operational current A	C1 (≤40°C)		А	450
Operating current DC	13			
		110V	А	Screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°Č	70
	Storage temperature		•	
		min	°C	-60
		max	°C	80
Max altitude		IIIdA	 	3000
Operating position			111	3000
operating position		10 0 M 00 0		
		normal		Vertical plan ±30°
Mounting		allowable		
Mounting				Screw
Weight			g	11.12
Operations				
Maahaniaal lifa				
Mechanical life			Cycles	1000000
Electrical life			Cycles Cycles	10000000 700000
Electrical life Safety related data				
Electrical life Safety related data	0d according to EN/ISO 13489-1		Cycles	700000
Electrical life Safety related data	0d according to EN/ISO 13489-1	rated load	Cycles	700000 700000
Electrical life Safety related data	0d according to EN/ISO 13489-1	rated load mechanical load	Cycles	700000
Electrical life Safety related data Performance level B1	0d according to EN/ISO 13489-1 ing to IEC/EN 609474-4-1		Cycles	700000 700000
Electrical life Safety related data Performance level B1 Mirror contats accordi			Cycles	700000 700000 10000000
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility			Cycles	700000 700000 10000000 yes
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating			Cycles	700000 700000 10000000 yes
Electrical life Safety related data Performance level B1	ing to IEC/EN 609474-4-1		Cycles	700000 700000 10000000 yes
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz		Cycles	700000 700000 10000000 yes
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1	mechanical load	Cycles Cicli Cicli	700000 700000 10000000 yes yes
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz	mechanical load	Cycles Cicli Cicli %Us	700000 700000 10000000 yes yes
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up	mechanical load	Cycles Cicli Cicli	700000 700000 10000000 yes yes
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz	mechanical load	Cycles Cicli Cicli %Us %Us	700000 700000 10000000 yes yes 0.8 1.1
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up	mechanical load min max min	Cycles Cicli Cicli %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out	mechanical load	Cycles Cicli Cicli %Us %Us	700000 700000 10000000 yes yes 0.8 1.1
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	mechanical load min max min	Cycles Cicli Cicli %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out	mechanical load min max min max	Cycles Cicli Cicli %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	mechanical load min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	mechanical load min max min max	Cycles Cicli Cicli %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	mechanical load min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6 0.8 1.1
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	mechanical load min max min max min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6 0.8 1.1 0.2 0.6
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating AC operating voltage	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	mechanical load min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6 0.8 1.1
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating AC operating voltage	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out	mechanical load min max min max min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6 0.8 1.1 0.2 0.6
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating AC operating voltage	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	mechanical load min max min max min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6 0.8 1.1 0.2 0.6
Electrical life Safety related data Performance level B1 Mirror contats accordi EMC compatibility AC coil operating	ing to IEC/EN 609474-4-1 of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out	mechanical load min max min max min max min max min max	Cycles Cicli Cicli %Us %Us %Us %Us %Us %Us %Us	700000 700000 10000000 yes yes 0.8 1.1 0.2 0.6 0.8 1.1 0.2 0.6

11B310400380



electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 450A, AC/DC COIL, 380...

415VAC/DC

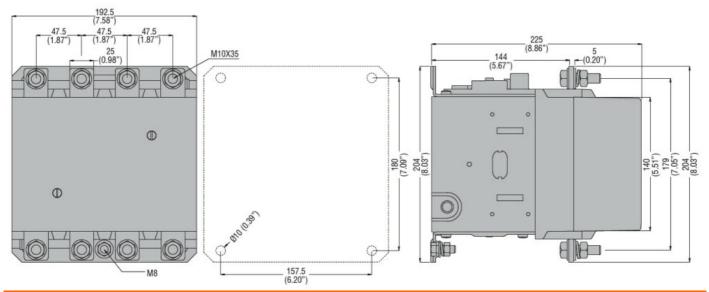
			in-rush	VA	300
			holding	VA	10
Dissipation at holding :	≦20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	le				
			min	V	24
DC operating voltage					
	pick-up			0/11-	
			min	%Us	0.8
			max	%Us	1.10
	drop-out			0/11-	
			min	%Us	0.2
			max	%Us	0.60
Average coil consuption	n ≤20°C		· · · · ·	14/	000
			in-rush	W	300
			holding	W	10
Max cycles frequency				Qual : : /	0.400
Mechanical operations				Cycles/h	∠400
Operating times	· · ·				
Average time for Us co					
	in AC				
	Clos	sing NO			0.0
			min	ms	80
			max	ms	120
	Ope	ning NO			20
			min	ms	30
	i- 00		max	ms	75
	in DC				
	Clos	sing NO			0.0
			min	ms	80
	0.50		max	ms	120
	Ope	ening NO	min	-	20
			min	ms	30 75
UL technical data			max	ms	75
	for three-phase AC motor				
i un-ioau current (PLA)	ior intee-phase AC motor		at 480V	А	301
			at 600V	A	289
Yielded mechanical pe	rformance		ai 000 V	~	203
neided mechanical pe	for three-phase AC motor				
	IN THEE-PHASE AC TIOLOI		at 200/208V	hn	100
			at 220/208V	hp hp	125
			at 460/480V	np hp	250
			at 575/600V	hp	300
General USE			at 57 5/000 V	пр	500
	Contactor				
	Contactor		AC current	А	450
Other features				~	-50
Pollution degree					3
Dimensions					5
Dimensions					



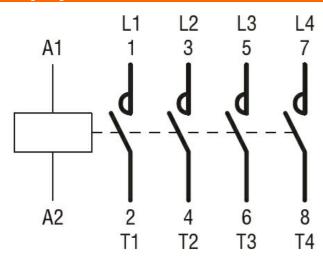
11B310400380 electric FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 450A, AC/DC COIL, 380...

ENERGY AND AUTOMATION

415VAC/DC



Wiring diagrams



Certifications and compliance

Certifications	
	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
Compliance	
	CCC
	cULus
	EAC
ETIM 6 classification	

EC000066 - Power contactor, AC switching