



Product designation Product type designation			Power contactor B400
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	550
Operational current le			
·	≤40°C)	Α	550
•	≤55°C)	Α	430
•	≤70°C)	Α	360
AC-3 (≤440V :		Α	420
	(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
	1000V	kW	208
Rated operational power AC-1 (T≤40°C)			
	230V	kW	200
	400V	kW	345
	500V	kW	452
IFO many summer latin DOA with L/D < Amen with A males in some	690V	kW	598
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	751		100
	75V	A	400
	110V	A	250
	220V	A	
	330V 460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	460 V	Α	<b></b>
TEC THAN CUTTETILLE III DCT WILLTEN > THIS WILLT 2 POIES III SELLES	75V	٨	400
	75 V 110 V	A ^	400 400
	220V	A ^	350
	330V	A A	35U 
	460V	A	 
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	400 0		- <del>-</del>
TEO MAX CANTERLIE III DOT WILL LITT = THIS WILL O POICS III SCHES	75V	Α	400
	110V	A	400
	220V	Α	400



	330V	Α	350
	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	75V	Α	400
	110V	Α	400
	220V	Α	400
	330V	Α	400
	460V	Α	350
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	75V	Α	350
	110V	Α	200
	220V	Α	
	330V	Α	
	460V	A	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	75V	Α	350
	110V	Α	350
	220V	Α	280
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	75V	Α	350
	110V	Α	350
	220V	Α	350
	330V	Α	280
	460V	Α	-
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series		_	
	75V	Α	350
	110V	Α	350
	220V	Α	350
	330V	Α	280
01 (1) 11 11 11 11 11 11 11 11 11 11 11 11 1	460V	A	280
Short-time allowable current for 10s (IEC/EN60947-1)		Α	3600
Protection fuse	. 0 (150)		000
	gG (IEC)	A	630
Making appeals (DMC calca)	aM (IEC)	A	400
Making capacity (RMS value)		Α	4200
Breaking capacity at voltage	4.40\/	^	4000
	440V	A	4000
	500V	A	3400
Pagiatanas par pala (ayaraga yalya)	690V	A	3360
Resistance per pole (average value)		mΩ	0.2
Power dissipation per pole (average value)	1414	14/	<b>5</b> 2
	Ith	W	52
Tightoning torque for terminals	AC-3	W	32
Tightening torque for terminals	min	Nim	25
	min	Nm Nm	35 35
	max	Nm	35
	min	lbin Ibin	25.8
Tightening torque for coil terminal	max	Ibin	25.8
Tightening torque for coil terminal	mair	Nima	1
	min	Nm Nm	1
	max	Nm	1



		min	lbin	0.74
		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		2x 300 kcmil
	ction according to IEC/EN 60529			IP00
Mechanical features				
Operating position		normal		Vertical plan
		allowable		Vertical plan ±30°
Fixing		allowable		Screw
Weight			g	9560
Operations			9	3000
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	10000000
Mirror contats accordi	ng to IEC/EN 609474-4-1			Yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	50/60Hz, 60Hz			
		min	V	380
		max	V	415
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
	pick-up	min	%Us	80
		min max	%Us %Us	80 110
	pick-up drop-out	max	%Us	110
		max min	%Us %Us	110 20
	drop-out	max	%Us	110
	drop-out of 50/60Hz coil powered at 60Hz	max min	%Us %Us	110 20
	drop-out	max min max	%Us %Us %Us	110 20 60
	drop-out of 50/60Hz coil powered at 60Hz	max min max min	%Us %Us %Us	110 20 60 80
	of 50/60Hz coil powered at 60Hz pick-up	max min max	%Us %Us %Us	110 20 60
	drop-out of 50/60Hz coil powered at 60Hz	max min max min	%Us %Us %Us %Us %Us	110 20 60 80 110
	of 50/60Hz coil powered at 60Hz pick-up	max min max min max	%Us %Us %Us	110 20 60 80
	of 50/60Hz coil powered at 60Hz pick-up	max min max min max min max min	%Us %Us %Us %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up	max min max min max min max min	%Us %Us %Us %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz	max min max min max min max min	%Us %Us %Us %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz	max min max min max min max min max	%Us %Us %Us %Us %Us %Us	110 20 60 80 110 20 60
	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz	max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20 60
	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	%Us %Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20 60
	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz pick-up  drop-out	min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20 60
AC average coil consi	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz pick-up  drop-out	max min max min max min max min max min max min max	%Us	110 20 60 80 110 20 60 80 110 20
AC average coil consi	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz pick-up  drop-out	max min max min max min max min max min max min max	%Us	110 20 60 80 110 20 60 80 110 20 60
AC average coil const	of 50/60Hz coil powered at 60Hz pick-up  drop-out  of 60Hz coil powered at 60Hz pick-up  drop-out	max min max min max min max min max min max min max	%Us	110 20 60 80 110 20 60 80 110 20



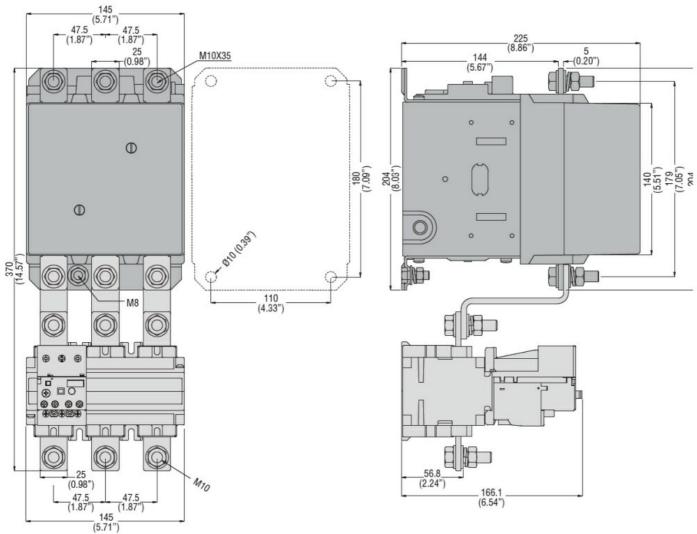
			in-rush	VA	300
			holding	VA	10
Dissipation at holding	≤20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	ge				
			min	V	380
			max	V	415
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consump	otion ≤20°C			,,,,,	
, wordge com comeannp			in-rush	W	300
			holding	W	10
Max cycles frequency			Holding	• • •	10
Mechanical operation				cycles/h	2400
Operating times				Jy 0103/11	<u></u>
Average time for Us co	ontrol				
Average unite for US C	in AC				
	III AC	Closing NO			
		Closing NO	min	mo	80
				ms	
		On anima NO	max	ms	120
		Opening NO	ma in		20
			min	ms	30
	1. 00		max	ms	75
	in DC	Observe NO			
		Closing NO			0.0
			min	ms	80
		0 1 110	max	ms	120
		Opening NO			
			min	ms	30
			max	ms	75
UL technical data					
Rated operational volta				V	600
Full-load current (FLA)	) for three-phase AC	motor		_	
			at 480V	Α	414
			at 600V	Α	382
Yielded mechanical pe					
	for three-phase AC	C motor			
			200/208V	HP	125
			220/230V	HP	150
			460/480V	HP	350
			575/600V	HP	400
General USE					
	Contactor				
			AC current	Α	550
Short-circuit protection	n fuse, 600V				
,	Standard fault				
			Short circuit current	kA	18
			Fuse rating	A	800
			Fuse class		L

**ENERGY AND AUTOMATION** 

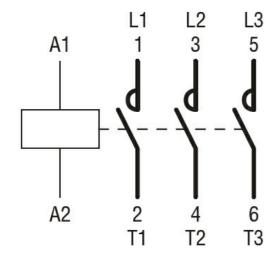
#### THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 420A, AC/DC COIL, 380...415VAC/DC

Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protect	ction			
Pollution degree				3
Dimonoiono				

#### Dimensions



Wiring diagrams



O	cations			
II OFFITI	COTIONS	and co	าทาเ	ance
Cerun	Jauons	anu u	וועוועווע	ance

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