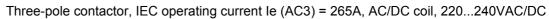




Product designation			Power contactor
Product type designation Contact characteristics			B250
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency		IX V	
Operational requestoy	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	THOS.	A	350
Operational current le			
	AC-1 (≤40°C)	Α	350
	AC-1 (≤55°C)	Α	300
	AC-1 (≤70°C)	Α	250
AC	C-3 (≤440V ≤55°C)	Α	265
	AC-4 (400V)	Α	115
Rated operational power AC-3 (T≤55°C)			
	230V	kW	83
	400V	kW	140
	415V	kW	155
	440V	kW	164
	500V	kW	176
	690V	kW	212
	1000V	kW	156
Rated operational power AC-1 (T≤40°C)			
	230V	kW	124
	400V	kW	214
	500V	kW	282
	690V	kW	380
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	75V	Α	350
	110V	Α	160
	220V	Α	
	330V	A	
150	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	75\/	•	050
	75V	A	350
	110V	A	300
	220V	A	250
	330V	A	
IEC may current to in DC1 with L/D < 1mg with 2 pales in paries	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	75\/	٨	250
	75V 110V	A	350
	220V	A A	300
	.1.1117	^	300





	2201/	۸	250
	330V	A	250
IFO many augment to in DOA with 1/D < Area with A males in series	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	75)/		050
	75V	A	350
	110V	A	300
	220V	A	300
	330V	Α	300
	460V	Α	250
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
	75V	Α	280
	110V	Α	150
	220V	Α	
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	75V	Α	280
	110V	Α	250
	220V	Α	200
	330V	Α	
	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series			
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	A	200
	460V	A	
IFC may current to in DC2 DC5 with L/D < 15mg with 4 pales in parios	400 V		
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series	75\/	۸	200
	75V	A	280
	110V	Α	280
	220V	Α	280
	330V	Α	200
	460V	Α	200
Short-time allowable current for 10s (IEC/EN60947-1)		Α	2200
Protection fuse			
	gG (IEC)	Α	400
	aM (IEC)	Α	250
Making capacity (RMS value)		Α	2750
Breaking capacity at voltage			
	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)		mΩ	0.2
Power dissipation per pole (average value)			
Town dissipation polic (average value)	Ith	W	24.5
	AC3	W	12.5
Tightening torque for terminals	7100	**	12.0
rightening torque for terminals	min	Nm	35
			35 35
	max	Nm	
	min	lbin	25.8
The first form of the selection	max	lbin	25.8
Tightening torque for coil terminal	_		
	min	Nm	1
	max	Nm	1



Three-pole contactor, IEC operating current le (AC3) = 265A, AC/DC coil, 220...240VAC/DC

		min	lbin	0.74
		max	lbin	0.74
	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		500 kcmil
	tion according to IEC/EN 60529			IP00
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	9560
Conductor section				
	AWG/kcmil conductor section			
		max		500 kcmil
Operations				
Mechanical life			cycles	10000000
Electrical life			cycles	1000000
Safety related data			0,0103	100000
	0d according to EN/ISO 13489-1			
i enormance level bit	od according to ETV/100 15405-1	rated load	cycles	1000000
		mechanical load	-	1000000
Mirror contato cocardiu	ng to IEC/EN 600474 4 4	mechanicai idad	cycles	
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 50	0/60Hz, 60Hz			
Rated AC voltage at 5	0/60Hz, 60Hz	min	V	220
	0/60Hz, 60Hz	min max	V V	220 240
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
		max	V	240
	of 50/60Hz coil powered at 50Hz		V %Us	240 80
	of 50/60Hz coil powered at 50Hz pick-up	max	V	240
	of 50/60Hz coil powered at 50Hz	max min	V %Us	240 80
	of 50/60Hz coil powered at 50Hz pick-up	max min	V %Us %Us %Us	240 80
	of 50/60Hz coil powered at 50Hz pick-up	max min max	V %Us %Us	80 110
	of 50/60Hz coil powered at 50Hz pick-up	max min max min	V %Us %Us %Us	80 110 20
	of 50/60Hz coil powered at 50Hz pick-up drop-out	max min max min	V %Us %Us %Us	80 110 20
	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	80 110 20
	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max	V %Us %Us %Us %Us	80 110 20 60
	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 %Us	80 110 20 60
	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max	%Us %Us %Us %Us %Us	80 110 20 60 80 110
	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	min max min max min max min max min max	%Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20
	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out	min max min max min max	%Us %Us %Us %Us %Us	80 110 20 60 80 110
	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	min max min max min max min max min max	%Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20
	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz 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	80 110 20 60 80 110 20 60
	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	min max min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
	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	min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
	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	min max	%Us %Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
	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	min max min max min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60

AC average coil consumption at 20°C

of 50/60Hz coil powered at 50Hz



Three-pole contactor, IEC operating current le (AC3) = 265A, AC/DC coil, 220...240VAC/DC

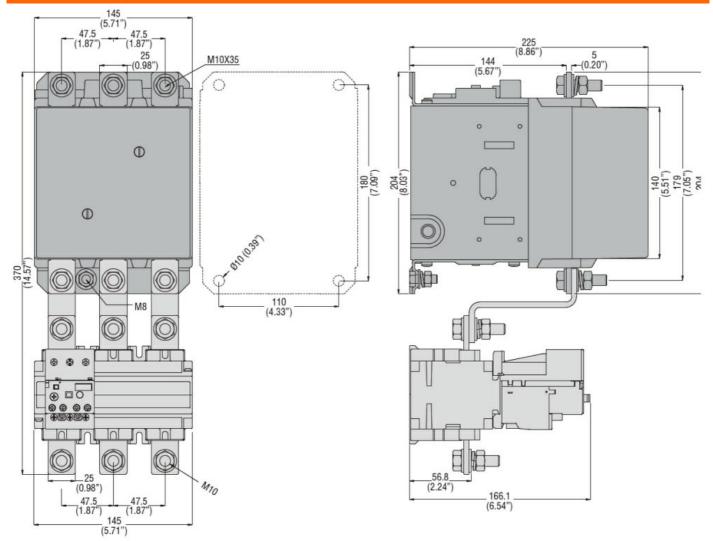
			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil pov	wered at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding :	≤20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	ge				
			min	V	220
			max	V	240
DC operating voltage					
z o oporaning romage	pick-up				
	plott up		min	%Us	80
			max	%Us	110
	drop-out		max	7000	110
	arop out		min	%Us	20
			max	%Us	60
Average coil consump	tion <20°C		IIIdX	/005	
Average con consump	u011 ≥20 C		in-rush	W	300
May avalag from a second			holding	W	10
Max cycles frequency				l/l-	0.400
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us co					
	in AC				
		Closing NO			
			min	ms	80
			max	ms	120
		Opening NO			
			min	ms	30
	-		max	ms	75
	in DC				
		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	Α	240
			at 600V	Α	242
Yielded mechanical pe	erformance				
	for three-phase AC	motor			
			200/208V	HP	75
			220/230V	HP	100
			460/480V	HP	200
			575/600V	HP	250
General USE					
	Contactor				
			AC current	Α	350
Short-circuit protection	n fuse, 600V		2 233.11		
	Standard fault				
	Janaara raun		Short circuit current	kA	18
			Chart off our our office	IV t	

ENERGY AND AUTOMATION

Three-pole contactor, IEC operating current le (AC3) = 265A, AC/DC coil, 220...240VAC/DC

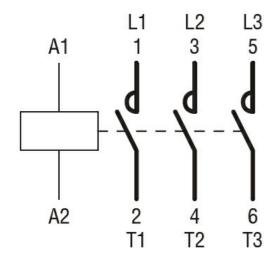
		Fuse rating	Α	800
		Fuse class		L
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protect	ion			
Pollution degree				3
Dr				

Dimensions



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

cULus

EAC

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching