



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	THOX	A	350
Operational current le			
	AC-1 (=40°C)	Α	350
	AC-1 (=55°C)	Α	300
	AC-1 (=70°C)	Α	250
	AC-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	Α	
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. 4 mg with 2 notes in series	460V	A	<b></b>
IEC max current le in DC1 with L/R = 1ms with 3 poles in series	751/	^	350
	75V	A	350
	110V	Α	300
	220V	Α	300



11B25000440

# THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 440...480VAC/DC

	330V	Α	250	
	460V	Α		
IEC max current le in DC1 with L/R = 1ms with 4 poles in series				
	75V	Α	350	
	110V	Α	300	
	220V	Α	300	
	330V	Α	300	
	460V	A	250	
IFC many asymmetric in DC2 DC5 with L/D. After with 4 males in acrise	400 V	Α	250	
IEC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series	751/	^	000	
	75V	A	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	+00 V			
120 max current to in 200 200 with 211 = 10m3 with 5 poics in 3cmc3	75V	Α	280	
	110V	A	280	
	220V	A	250	
	330V	A	200	
·	460V	Α		
IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series				
	75V	Α	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)	u (.20)	A	2750	
Breaking capacity (KNNS value)			2100	
Dieakino Capacity at voltabe			0500	
bleaking capacity at voltage	440\/	Δ	ノカロロ	
Dieaking capacity at voltage	440V	A	2500	
Dieaking capacity at voltage	500V	Α	2250	
		A A	2250 2200	
Resistance per pole (average value)	500V	Α	2250	
	500V 690V	A A m?	2250 2200 0.2	
Resistance per pole (average value)	500V 690V	A A m?	2250 2200 0.2 24.5	
Resistance per pole (average value)  Power dissipation per pole (average value)	500V 690V	A A m?	2250 2200 0.2	
Resistance per pole (average value)	500V 690V	A A m?	2250 2200 0.2 24.5	
Resistance per pole (average value)  Power dissipation per pole (average value)	500V 690V	A A m?	2250 2200 0.2 24.5	
Resistance per pole (average value)  Power dissipation per pole (average value)	500V 690V Ith AC3	A A m? W W	2250 2200 0.2 24.5 12.5	
Resistance per pole (average value)  Power dissipation per pole (average value)	500V 690V Ith AC3	A A m? W W	2250 2200 0.2 24.5 12.5	
Resistance per pole (average value)  Power dissipation per pole (average value)	S00V 690V Ith AC3 min max min	A A M? W W Nm Nm Ibin	2250 2200 0.2 24.5 12.5 35 35 25.8	
Resistance per pole (average value)  Power dissipation per pole (average value)  Tightening torque for terminals	S00V 690V Ith AC3 min max	A A m? W W	2250 2200 0.2 24.5 12.5 35 35	
Resistance per pole (average value)  Power dissipation per pole (average value)	S00V 690V Ith AC3 min max min max	A A m? W W Nm Ibin Ibin	2250 2200 0.2 24.5 12.5 35 35 25.8 25.8	
Resistance per pole (average value)  Power dissipation per pole (average value)  Tightening torque for terminals	S00V 690V Ith AC3 min max min	A A M? W W Nm Nm Ibin	2250 2200 0.2 24.5 12.5 35 35 25.8	



		min	Ibin	0.74
		max	Ibin	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	9580
Conductor section				
	AWG/kcmil conductor section			
		max		500 kcmil
Operations				
Mechanical life			cycles	10000000
Electrical life			cycles	1000000
Safety related data			2, 3.00	
	0d according to EN/ISO 13489-1			
	50 according to 2.0.00 .0.00 .	rated load	cycles	1000000
		mechanical load	cycles	10000000
Mirror contats according	ng to IEC/EN 609474-4-1	THEOHAINIOA IOAA	Cycles	yes
EMC compatibility	19 to 120/214 0004/4 4 1			
AC coil operating				yes
Rated AC voltage at 50	0/60日 - 60日 -			
Nateu AC voltage at 3	0/00112, 00112	min	V	440
		THILL	V	440
10		may	17	11E
At a none realise a veel to a c		max	V	415
AC operating voltage	(50/0011 1 1 - 1 5011	max	V	415
AC operating voltage	of 50/60Hz coil powered at 50Hz	max	V	415
AC operating voltage	of 50/60Hz coil powered at 50Hz pick-up			
AC operating voltage	•	min	%Us	80
AC operating voltage	pick-up			
AC operating voltage	•	min max	%Us %Us	80 110
AC operating voltage	pick-up	min max min	%Us %Us %Us	80 110 20
AC operating voltage	pick-up drop-out	min max	%Us %Us	80 110
AC operating voltage	pick-up  drop-out  of 50/60Hz coil powered at 60Hz	min max min	%Us %Us %Us	80 110 20
AC operating voltage	pick-up drop-out	min max min max	%Us %Us %Us %Us	80 110 20 60
AC operating voltage	pick-up  drop-out  of 50/60Hz coil powered at 60Hz	min max min	%Us %Us %Us %Us	80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max	%Us %Us %Us %Us	80 110 20 60
AC operating voltage	pick-up  drop-out  of 50/60Hz coil powered at 60Hz	min max min max min	%Us %Us %Us %Us %Us	80 110 20 60 80 110
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max min	%Us %Us %Us %Us	80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max min max	%Us %Us %Us %Us %Us	80 110 20 60 80 110
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up	min max min max min max min	%Us %Us %Us %Us %Us	80 110 20 60 80 110 20
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up  drop-out	min max min max min max min	%Us %Us %Us %Us %Us	80 110 20 60 80 110 20
AC operating voltage	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	%Us %Us %Us %Us %Us	80 110 20 60 80 110 20
AC operating voltage	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 %Us	80 110 20 60 80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up  drop-out  drop-out  of 60Hz coil powered at 60Hz pick-up	min max min max min max min max	%Us %Us %Us %Us %Us %Us %Us	80 110 20 60 80 110 20 60
AC operating voltage	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 %Us	80 110 20 60 80 110 20 60
AC operating voltage	of 50/60Hz coil powered at 60Hz pick-up  drop-out  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

AC average coil consumption at 20°C

of 50/60Hz coil powered at 50Hz

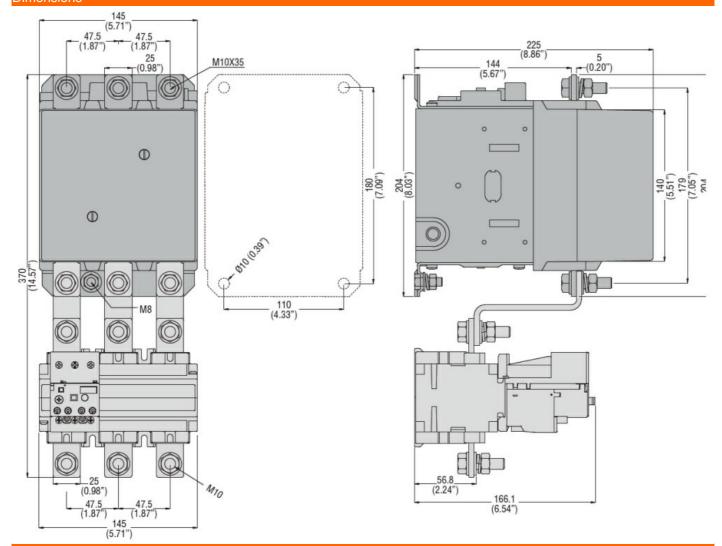


			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil pow	vered at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding	=20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	ge				
`			min	V	440
			max	V	415
DC operating voltage					
1 0 0	pick-up				
	11		min	%Us	80
			max	%Us	110
	drop-out		<u></u>		
	-1		min	%Us	20
			max	%Us	60
Average coil consump	tion =20°C		<del></del>	-	
G= ==:: ==::::p			in-rush	W	300
			holding	W	10
Max cycles frequency					
Mechanical operation				cycles/h	2400
Operating times				- John Comm	
Average time for Us co	ontrol				
,	in AC				
	, 10	Closing NO			
		Grooming 110	min	ms	80
			max	ms	120
		Opening NO	max	1110	.20
		- F9	min	ms	30
			max	ms	75
	in DC		<u></u>		
	-	Closing NO			
		J 11 9	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 r	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
			575/600V	HP	250
General USE					
	Contactor				
			AC current	Α	350
Short-circuit protection	n fuse, 600V				
	Standard fault				
			Short circuit current	kA	18
			Fuse rating	A	800
			. 200 . 4.119		

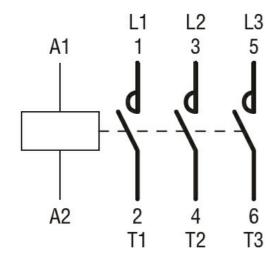


		Fuse class		L
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protec	tion			
Pollution degree				3
Dimensions				

#### Dimensions



Wiring diagrams



O 1100 1			
Certificat	ione and	comr	MIGNES
Cennicai	טונס מונטו		шансе

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