



Product designation			Power contactor
Product type designation			B250
Contact characteristics Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated insulation voltage of IEC/EN Rated impulse withstand voltage Uimp		kV	8
Operational frequency		K V	0
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdA	A	350
Operational current le		- / \	000
Operational outlett to	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	
	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	75)/	•	0.50
	75V	A	350
	110V	A	300
	220V	A	250
	330V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	460V	Α	
TEO max current le in DOT with L/R > This with 3 poles in series	75V	۸	350
	75V 110V	A ^	350 300
	220V	A A	300
	ZZUV	^	300



	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	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	100 v	- , ,	
The max current to in 600-600 with ETC = 10m3 with 2 poics in school	75V	Α	280
	110V	A	250
	220V	A	200
	330V	A	200
IFO	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	751		000
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	Α	200
	460V	A	
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)	, ,	Α	2750
Breaking capacity at voltage		*	
3 1 4 9 4 4 4 9	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)	3001	mΩ	0.2
Power dissipation per pole (average value)		2	<u> </u>
i ovioi dissipation poi poio (average value)	Ith	W	24.5
	AC3	W	12.5
Tightoning torque for terminals	AUS	٧٧	14.0
Tightening torque for terminals	!	Nime	25
	min	Nm	35
	max	Nm	35
	min	lbin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		min	lbin	0.74
May puseb as of wise	nimultan a qualv as a satala s	max	Ibin	0.74
Conductor section	simultaneously connectable		Nr.	2
Conductor section	AWG/Kcmil			
	AWG/Remiii	max		500 kcmil
Power terminal protect	ction according to IEC/EN 60529	Тисх		IP00
Mechanical features				00
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	9690
Conductor section				
	AWG/kcmil conductor section			
		max		500 kcmil
Operations Machanical life			avel	10000000
Mechanical life Electrical life			cycles	10000000
Safety related data			cycles	1000000
-	0d according to EN/ISO 13489-1			
T enomiance level by	od according to ETV/100 15409-1	rated load	cycles	1000000
		mechanical load	cycles	1000000
Mirror contats accordi	ng to IEC/EN 609474-4-1		0,0.00	yes
EMC compatibility				yes
AC coil operating				,
Rated AC voltage at 5	0/60Hz		V	24
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out		0/11-	00
		min	%Us	20
	of EO/GOLLT and powered at COLLT	max	%Us	60
	of 50/60Hz coil powered at 60Hz pick-up			
	ριοκ-αρ	min	%Us	80
		max	%Us	110
	drop-out	max	,000	
		min	%Us	20
		max	%Us	60
	of 60Hz coil powered at 60Hz			
	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
AC average coil consu	drop-out umption at 20°C	max min	%Us %Us	110 20
AC average coil const	drop-out	max min max	%Us %Us %Us	110 20 60
AC average coil const	drop-out umption at 20°C	max min	%Us %Us	110 20



	of 50/60Hz coil po	wered at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding	≤20°C 50Hz			W	10
DC coil operating					
DC rated control volta	αρ			V	24
	ge			V	24
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consump	ntion <20°C			7000	
Average con consump	711011 <u>-</u> 20 C		in much	14/	200
			in-rush	W	300
			holding	W	10
Max cycles frequency					
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us c	ontrol				
-	in AC				
		Closing NO			
		Olosing 140	min	mo	80
				ms	
			max	ms	120
		Opening NO			
			min	ms	30
			max	ms	75
	in DC				
		Closing NO			
		· ·	min	ms	80
			max	ms	120
		Opening NO	max	1110	120
		Opening NO			20
			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 A(C motor			
	ioi unoo pilase A	J	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				
	Standard rault		Short circuit current	kA	18
			Fuse rating	А	800
			Fuse class		L
Ambient conditions					
Temperature					
	Operating tempera	4			

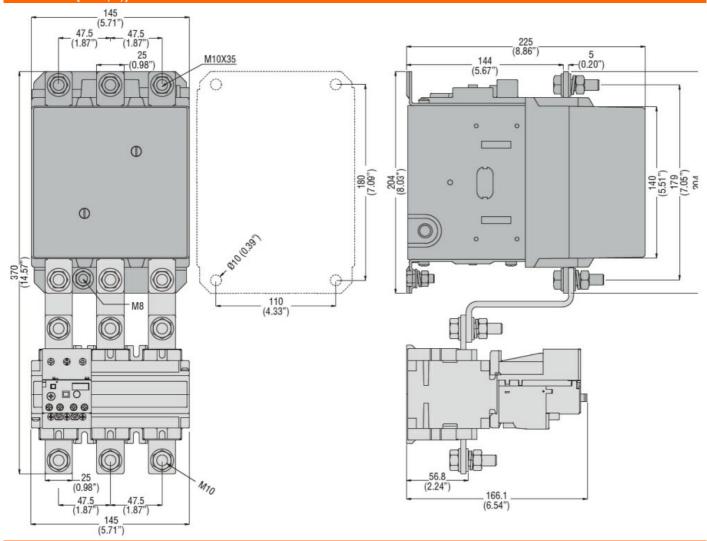
Operating temperature





	min	°C	-50 70
Storage temperature	max	°C	70
· ·	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
D:			

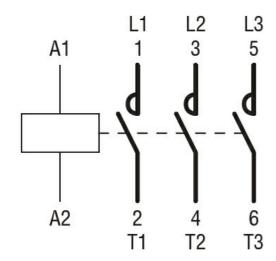
Dimensions [mm (in)]



Wiring diagrams

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL,



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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





Product designation			Power contactor
Product type designation			B250
Contact characteristics		Nr.	3
Number of poles Rated insulation voltage Ui IEC/EN		V	1000
Rated insulation voltage of IEC/EN Rated impulse withstand voltage Uimp		kV	8
Operational frequency		K V	0
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdA	A	350
Operational current le			
Operational current to	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)	710 1 (1001)		
······································	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 H. J. BOA W. J. B. J.	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	75)/	•	0.50
	75V	A	350
	110V	A	300
	220V	A	250
	330V	A	
IFC may current to in DC4 with L/D < 4 may with 2 malas in a miles	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	751/	۸	250
	75V	A	350
	110V 220V	A A	300 300
	2201	А	300



	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	Α	250
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series	400 V		230
TEC max current le in DC3-DC3 with L/K \(\) Toms with 1 poles in series	75\/	۸	200
	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	400 V		
TEC max current le in DC3-DC3 with E/N = 13ms with 3 poles in series	75\/	۸	200
	75V	A	280
	110V	Α	280
	220V	Α	250
	330V	Α	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)		A	2200
· · · · · · · · · · · · · · · · · ·			
Protection fuse	**O (IEO)	۸	400
	gG (IEC)	A	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)			
	Ith	W	24.5
	AC3	W	12.5
Tightening targue for terminals	703	V V	14.0
Tightening torque for terminals		NI	25
	min	Nm	35
	max	Nm	35
	min	lbin	25.8
	max	Ibin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		min	lbin	0.74
		max	Ibin	0.74
Max number of wires sim	ultaneously connectable		Nr.	2
Conductor section				
A	AWG/Kcmil			
Danier tamain al mosto ation		max		500 kcmil
Mechanical features	n according to IEC/EN 60529			IP00
Operating position				
Operating position		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	9550
Conductor section				
A	AWG/kcmil conductor section			
		max		500 kcmil
Operations				
Mechanical life			cycles	10000000
Electrical life			cycles	1000000
Safety related data	according to EN/ISO 13489-1			
renormance level brou	according to E11/13O 13469-1	rated load	cycles	1000000
		mechanical load	cycles	1000000
Mirror contats according	to IEC/EN 609474-4-1	moonamoa road	0,0.00	yes
EMC compatibility				yes
AC coil operating				,
Rated AC voltage at 50/6	60Hz		V	48
AC operating voltage				
C	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
	drop out	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
<u>-</u>	of 60Hz coil powered at 60Hz	max	%Us	60
C	of 60Hz coil powered at 60Hz pick-up			
	ριοκ-αρ	min	%Us	80
		max	%Us	110
	drop-out			
	•	min	%Us	20
		max	%Us	60
AC average coil consum		max	%Us	60
	ption at 20°C of 50/60Hz coil powered at 50Hz			
		in-rush holding	%Us VA VA	300 10



	of 50/60Hz coil pov	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	je			V	48
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
	·		min	%Us	20
			max	%Us	60
Average coil consumpt	tion ≤20°C				
, wordgo com concump			in-rush	W	300
			holding	W	10
Max cycles frequency			riolaling	VV	10
Mechanical operation				cycles/h	2400
				cycles/II	4400
Operating times	entrol				
Average time for Us co					
	in AC	01 1 10			
		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	rformance				
po	for three-phase AC	motor			
	.5. 1.100 pridoo //C		200/208V	HP	75
			220/230V	HP	100
			575/600V	HP	250
General USE			37 3/000 V	111	230
General USE	Contactor				
	Contactor		A C	Δ.	0.50
0			AC current	Α	350
Short-circuit protection					
	Standard fault				
			Short circuit current	kA	18
			Fuse rating	Α	800
			Fuse class		L
Ambient conditions					
Temperature					
	•				

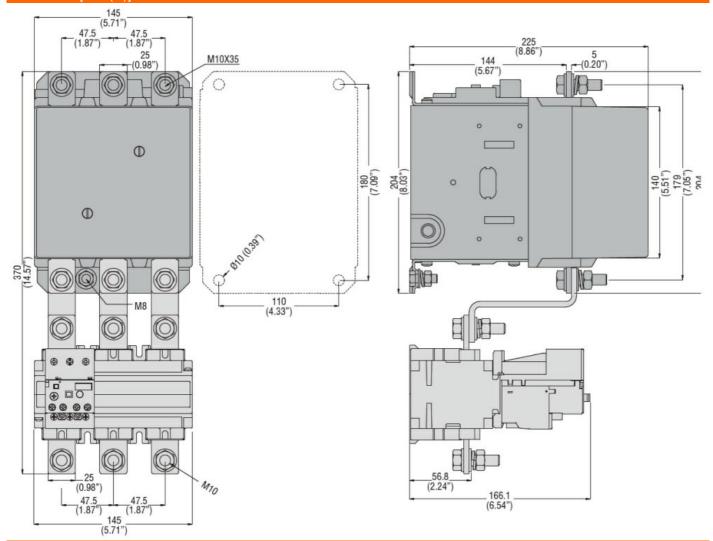
Operating temperature



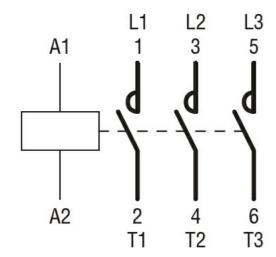


	min	°C	-50 70
Storage temperature	max	°C	70
· ·	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
D:			

Dimensions [mm (in)]



Wiring diagrams



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Certificat	ione and	Lcomp	lianca
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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

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Rated insulation voltage of IEC/EN Rated impulse withstand voltage Uimp		kV	8
Operational frequency		K V	0
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdA	A	350
Operational current le			
Operational current to	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)	710 1 (1001)		
······································	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 H. J. BOA W. J. B. J.	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	75)/	•	0.50
	75V	A	350
	110V	A	300
	220V	A	250
	330V	A	
IFC may current to in DC4 with L/D < 4 may with 2 malas in a miles	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	751/	۸	250
	75V	A	350
	110V 220V	A A	300 300
	2201	А	300



	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	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	100 v	- , ,	
The max current to in 600-600 with ETC = 10m3 with 2 poics in school	75V	Α	280
	110V	A	250
	220V	A	200
	330V	A	200
IFO	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	75)		000
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	Α	200
	460V	A	
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)	, ,	Α	2750
Breaking capacity at voltage		*	
3 1 4 9 4 4 4 9	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)	3001	mΩ	0.2
Power dissipation per pole (average value)		2	<u> </u>
i ovioi dissipation poi poio (average value)	Ith	W	24.5
	AC3	W	12.5
Tightoning torque for terminals	AUS	٧٧	14.0
Tightening torque for terminals	!	Nime	25
	min	Nm	35
	max	Nm	35
	min	lbin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		min	Ibin	0.74
		max	Ibin	0.74
Max number of wires simultane	eously connectable		Nr.	2
Conductor section				
AWG/I	Kcmil			
Danier to maioral annata ation		max		500 kcmil
Power terminal protection accommechanical features	ording to IEC/EN 60529			IP00
Operating position				
operating position		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	9115
Conductor section				
AWG/I	kcmil conductor section			
		max		500 kcmil
Operations				10000000
Mechanical life			cycles	10000000
Electrical life Safety related data			cycles	1000000
Performance level B10d accor	rding to FN/ISO 13489-1			
r enormance level brod accor	ung to EN/100 10409-1	rated load	cycles	1000000
		mechanical load	cycles	10000000
Mirror contats according to IEC	C/EN 609474-4-1		-,	yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 50/60Hz			V	60
AC operating voltage				
of 50/6	60Hz coil powered at 50Hz			
	pick-up		0/116	0.0
		min max	%Us %Us	80 110
	drop-out	Παλ	/003	110
	Grop out	min	%Us	20
		max	%Us	60
of 50/6	60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
			0/11	110
		max	%Us	_
	drop-out			
	drop-out	min	%Us	20
of SOL				
of 60H	dz coil powered at 60Hz	min	%Us	20
of 60H		min	%Us	20
of 60H	dz coil powered at 60Hz	min max	%Us %Us	20 60
of 60H	dz coil powered at 60Hz	min max min	%Us %Us %Us	20 60 80
of 60H	Iz coil powered at 60Hz pick-up	min max min	%Us %Us %Us %Us %Us	20 60 80 110 20
	dz coil powered at 60Hz pick-up drop-out	min max min max	%Us %Us %Us %Us	20 60 80 110
AC average coil consumption a	dz coil powered at 60Hz pick-up drop-out	min max min max min	%Us %Us %Us %Us %Us	20 60 80 110 20
AC average coil consumption a	dz coil powered at 60Hz pick-up drop-out	min max min max min max	%Us %Us %Us %Us %Us %Us	20 60 80 110 20 60
AC average coil consumption a	dz coil powered at 60Hz pick-up drop-out	min max min max min	%Us %Us %Us %Us %Us	20 60 80 110 20



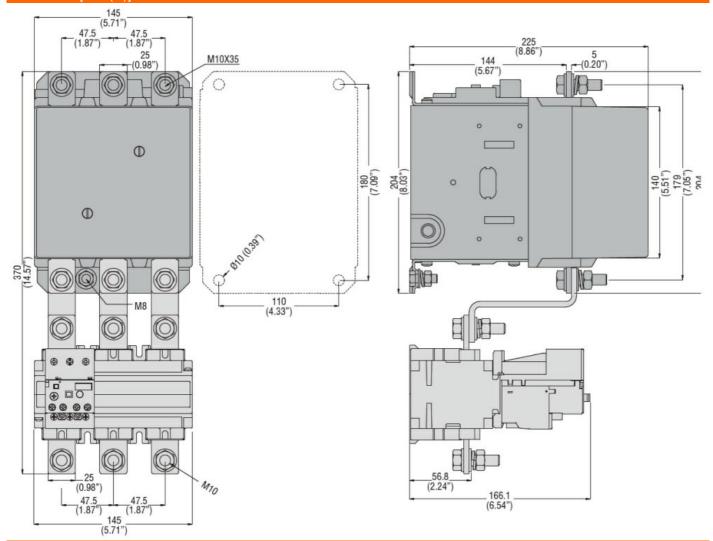
	of 50/60Hz coil pov	wered at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding	≤20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	ne .			V	60
	ye			V	00
DC operating voltage					
	pick-up		_		
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consump	tion <20°C		Тих	7000	
Average con consump	111011 =20 C		in much	147	000
			in-rush	W	300
			holding	W	10
Max cycles frequency					
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us co	ontrol				
	in AC				
	III AO	Closing NO			
		Closing NO			00
			min	ms	80
			max	ms	120
		Opening NO			
			min	ms	30
			max	ms	75
	in DC				
	20	Closing NO			
		Olosing 140	min	mo	80
				ms	
			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	A	242
Violded machanical na	rformonoo		at 000 v		242
Yielded mechanical pe		S 1			
	for three-phase AC	motor			
			200/208V	HP	75
			220/230V	HP	100
			575/600V	HP	250
General USE					
	Contactor				
	Jonado		AC current	Α	350
Chart aircuit a rata atta	fuee 600\/		AC CUITEIIL		000
Short-circuit protection					
	Standard fault				
			Short circuit current	kA	18
			Fuse rating	Α	800
			Fuse class		L
Ambient conditions					
Temperature					
romperature	On a rating tampara	4			

Operating temperature



	min max	°C °C	-50 70
Storage temperature	THEX.		
· ·	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3

Dimensions [mm (in)]

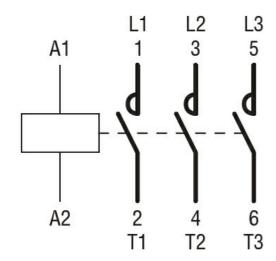


Wiring diagrams

11B2500060

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL,



O 1100 1			
Certificat	ione and	comr	MILLANCE
Ceruncai	iulis aliu		ліансе

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





Product designation			Power contactor
Product type designation			B250
Contact characteristics Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated insulation voltage of IEC/EN Rated impulse withstand voltage Uimp		kV	8
Operational frequency		K V	0
Operational frequency	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith	IIIdA	A	350
Operational current le			330
Operational content to	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	751	^	250
	75V	A	350
	110V	A	300
	220V	A	250
	330V 460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	40UV	Α	
ILO MAX current le in DOT with L/N > This with 3 poles in selles	75V	Α	350
	110V	A	300
	220V	A	300
	220 V	77	300



11B25000110

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 110...125VAC/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	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	100 V	- , ,	
The max current to in 600-600 with ETC = 10m3 with 2 poics in school	75V	Α	280
	110V	A	250
	220V	A	200
	330V	A	200
IFO	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	75)		000
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	Α	200
	460V	A	
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)	, ,	Α	2750
Breaking capacity at voltage		*	
3 1 4 9 4 4 4 9	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)	3001	mΩ	0.2
Power dissipation per pole (average value)			<u> </u>
i ovioi dissipation poi poio (average value)	Ith	W	24.5
	AC3	W	12.5
Tightoning torque for terminals	AUS	٧٧	14.0
Tightening torque for terminals	!	Nime	25
	min	Nm	35
	max	Nm	35
	min	lbin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		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	9640
Conductor section				
	AWG/kcmil conductor section			
		max		500 kcmil
Operations				
Mechanical life			cycles	10000000
Electrical life			cycles	1000000
Safety related data			.,	
	0d according to EN/ISO 13489-1			
	54 4555 4g 15 = 14.15 5 15.15 1	rated load	cycles	1000000
		mechanical load	cycles	10000000
Mirror contats according	ng to IEC/EN 609474-4-1	modiamodilodd	- Cy ClOC	yes
EMC compatibility	19 10 12 9/211 000 17 1 1 1			yes
AC coil operating				ycs
Rated AC voltage at 50	0/60Hz 60Hz			
Maleu AC Vollage at 3	0/00112, 00112	min	V	110
			V	125
AC operating voltage		max	V	123
AC operating voltage	of EO/GOUZ goil powered at EOUZ			
	of 50/60Hz coil powered at 50Hz			
	pick-up			
			0/116	90
		min	%Us	80
	dA	min max	%Us %Us	80 110
	drop-out	max	%Us	110
	drop-out	max min	%Us %Us	110 20
		max	%Us	110
	of 50/60Hz coil powered at 60Hz	max min	%Us %Us	110 20
		max min max	%Us %Us %Us	110 20 60
	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
	of 50/60Hz coil powered at 60Hz	max min max min max	%Us %Us %Us %Us %Us	110 20 60 80 110
	of 50/60Hz coil powered at 60Hz pick-up	max min max min min max min	%Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up drop-out	max min max min max	%Us %Us %Us %Us %Us	110 20 60 80 110
	of 50/60Hz coil powered at 60Hz pick-up	max min max min min max min	%Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up drop-out	max min max min min max min	%Us %Us %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 min max min	%Us %Us %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 %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 %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 %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	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 consumption at 20°C

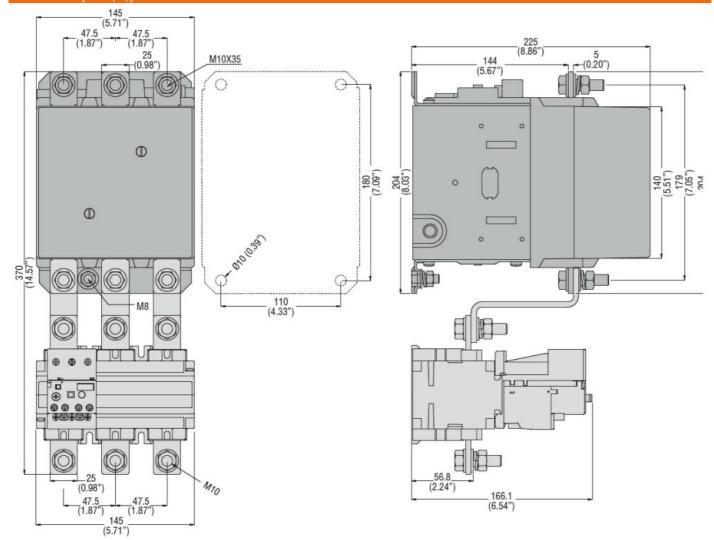
of 50/60Hz coil powered at 50Hz



			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil power	ed at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding ≤	≦20°C 50Hz			W	10
DC coil operating					
DC rated control voltag	e				
			min	V	110
			max	V	125
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consumpt	ion ≤20°C				
· ·			in-rush	W	300
			holding	W	10
Max cycles frequency					
Mechanical operation				cycles/h	2400
Operating times				,	
Average time for Us co	ntrol				
	in AC				
		Closing NO			
		ordenig rec	min	ms	80
			max	ms	120
		Opening NO			-
		1 3	min	ms	30
			max	ms	75
	in DC				_
		Closing NO			
		Ü	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 mo	otor			
, ,	,		at 480V	Α	240
			at 600V	Α	242
Yielded mechanical pe	rformance				
	for three-phase AC m	otor			
			200/208V	HP	75
			220/230V	HP	100
			575/600V	HP	250
General USE					
	Contactor				
			AC current	Α	350
Short-circuit protection	fuse. 600V				
2.10.1 Girodit protootion	Standard fault				
	Januara raut		Short circuit current	kA	18
			Fuse rating	A	800
			i use rating		

		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
Dimonejone Imm (in)	1			

Dimensions [mm (in)]

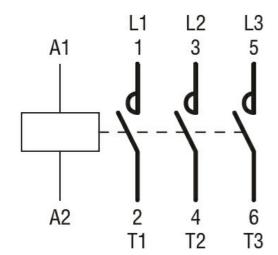


Wiring diagrams

110...125VAC/DC



ENERGY AND AUTOMATION



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





Product designation			Power contactor B250
Product type designation Contact characteristics			D230
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			
operational inequations)	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	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
150	690V	kW	380
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			0=0
	75V	A	350
	110V	A	160
	220V	A	
	330V 460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	400 V	A	
TEO MAX current le in DOT with L/R > This with 2 poles in series	75V	Α	350
	110V	A	300
	220V	A	250
	330V	A	250
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	7007		
TEO MAX SUITOR TO ITI DOT WILL ETC = TITIO WILL O POICS ITI SETIES	75V	Α	350
	110V	A	300
	220V	A	300
	220 V	, ,	300



	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	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	100 V	- , ,	
The max current to in 600-600 with ETC = 10m3 with 2 poics in school	75V	Α	280
	110V	A	250
	220V	A	200
	330V	A	200
IFO	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	75)		000
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	Α	200
	460V	A	
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)	, ,	Α	2750
Breaking capacity at voltage		*	
3 1 4 9 4 4 4 9	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)	3001	mΩ	0.2
Power dissipation per pole (average value)			<u> </u>
i ovioi dissipation poi poio (average value)	Ith	W	24.5
	AC3	W	12.5
Tightoning torque for terminals	AUS	٧٧	14.0
Tightening torque for terminals	!	Nime	25
	min	Nm	35
	max	Nm	35
	min	lbin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		min	lbin	0.74
		max	Ibin	0.74
	imultaneously 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			.,	
	Od according to EN/ISO 13489-1			
		rated load	cycles	1000000
		mechanical load	cycles	10000000
Mirror contats accordi	ng to IEC/EN 609474-4-1	THOUSAN TOUG	0,0.00	yes
EMC compatibility	19 10 12 0/214 000 1/11 1			yes
AC coil operating				yes
Rated AC voltage at 5	0/60Hz 60Hz			
Nated AC voltage at 3	0/00112, 00112	min	V	220
			V	240
AC operating voltage		max	V	240
AC operating voltage	of EO/GOUZ goil nowared at EOUZ			
	of 50/60Hz coil powered at 50Hz			
	pick-up	min	0/116	00
		min	%Us	80
	dana a sant	max	%Us	110
	drop-out		0/11-	20
		min	%Us	20
	(50/0011 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	max	%Us	60
	of 50/60Hz coil powered at 60Hz			
	pick-up		0/11	0.0
		min	%Us	80
		max	%Us	110
	dram aut			
	drop-out			~ ~
	drop-out	min	%Us	20
		min max	%Us %Us	60
	of 60Hz coil powered at 60Hz			
			%Us	60
	of 60Hz coil powered at 60Hz		%Us	80
	of 60Hz coil powered at 60Hz	max	%Us	60
	of 60Hz coil powered at 60Hz	max min	%Us	80
	of 60Hz coil powered at 60Hz pick-up	max min	%Us	80
	of 60Hz coil powered at 60Hz pick-up	max min max	%Us %Us %Us	80 110

AC average coil consumption at 20°C

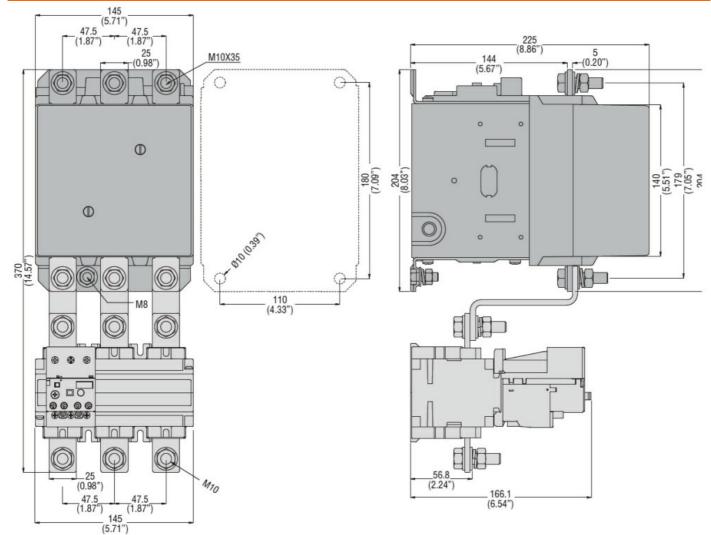
of 50/60Hz coil powered at 50Hz



			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil pow	ered at 60Hz			_
			in-rush	VA	300
			holding	VA	10
Dissipation at holding :	≤20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	ae				
	, -		min	V	220
			max	V	240
DC operating voltage			max	•	
Do operating vertage	pick-up				
	piok up		min	%Us	80
			max	%Us	110
	drop out		IIIdx	/003	110
	drop-out		min	%Us	20
				%Us %Us	60
Average sail same	tion <20°C		max	/ ₀ US	00
Average coil consump	uon ≥20 C		!1	14/	200
			in-rush	W	300
Man and the			holding	W	10
Max cycles frequency				1: "	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 n	notor			
			at 480V	Α	240
			at 600V	Α	242
Yielded mechanical pe					
	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	fuse, 600V				
•	Standard fault				
			Short circuit current	kA	18
			Fuse rating	Α	800

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

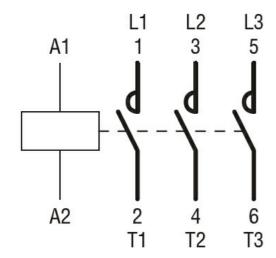
Dimensions [mm (in)]



Wiring diagrams

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 220...240VAC/DC



O 1100 1			
Certificat	ione and	comr	MILLANCE
Ceruncai	iulis aliu		ліансе

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





Product designation Product type designation			Power contactor B250
Contact characteristics			2200
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	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)	A	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
D-4-1	1000V	kW	156
Rated operational power AC-1 (T≤40°C)	0001/	1-107	404
	230V	kW	124
	400V	kW	214
	500V 690V	kW kW	282 380
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	0907	KVV	300
TEC max current le in DC1 with E/N 2 mis with 1 poles in series	75V	۸	350
	75V 110V	A A	160
	220V	A	
	330V	A	
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
120 Max surrolle in 201 Mai 2/12 Mile Will 2 polos in series	75V	Α	350
	110V	A	300
	220V	Α	250
	330V	Α	
	460V	Α	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series		<u> </u>	
	75V	Α	350
	110V	Α	300
	220V	Α	300



	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	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	100 V	- , ,	
The max current to in 600-600 with ETC = 10m3 with 2 poics in school	75V	Α	280
	110V	A	250
	220V	A	200
	330V	A	200
IFO	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	75)		000
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	Α	200
	460V	A	
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)	, ,	Α	2750
Breaking capacity at voltage		*	
3 1 4 9 4 4 4 9	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)	3001	mΩ	0.2
Power dissipation per pole (average value)			<u> </u>
i ovioi dissipation poi poio (average value)	Ith	W	24.5
	AC3	W	12.5
Tightoning torque for terminals	AUS	٧٧	14.0
Tightening torque for terminals	!	Nime	25
	min	Nm Non	35
	max	Nm	35
	min	lbin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		min	lbin	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	9550
Conductor section				
	AWG/kcmil conductor section			
		max		500 kcmil
Operations				100000
Mechanical life			cycles	1000000
Electrical life			cycles	1000000
Safety related data				
Performance level B10	0d according to EN/ISO 13489-1			
		rated load	cycles	1000000
		mechanical load	cycles	10000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 50	0/60Hz, 60Hz			
		min	V	380
		max	V	415
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		_	0/1:	
		min	%Us	80
		min max	%Us %Us	80 110
	drop-out	max	%Us	110
	drop-out	max min	%Us %Us	110 20
		max	%Us	110
	of 50/60Hz coil powered at 60Hz	max min	%Us %Us	110 20
		max min max	%Us %Us %Us	110 20 60
	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
	of 50/60Hz coil powered at 60Hz	max min max min max	%Us %Us %Us %Us %Us	110 20 60 80 110
	of 50/60Hz coil powered at 60Hz pick-up	max min max min max min max min	%Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up drop-out	max min max min max	%Us %Us %Us %Us %Us	110 20 60 80 110
	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 %Us %Us	110 20 60 80 110 20
	of 50/60Hz coil powered at 60Hz pick-up drop-out	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	max 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
	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	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
	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 min max	%Us %Us %Us %Us %Us %Us %Us %Us %Us	110 20 60 80 110 20 60

AC average coil consumption at 20°C

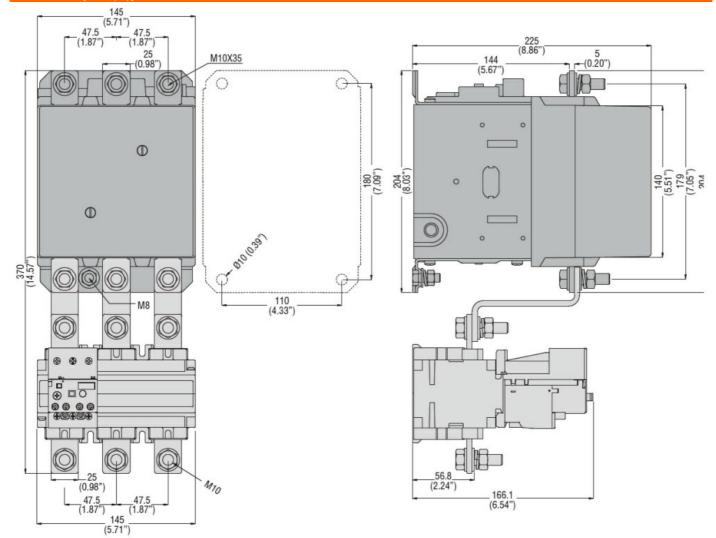
of 50/60Hz coil powered at 50Hz



			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil pow	ered at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding	≤20°C 50Hz			W	10
DC coil operating					
DC rated control voltage	je				
			min	V	380
			max	V	415
DC operating voltage					
	pick-up			0/11	00
			min	%Us	80
	1		max	%Us	110
	drop-out			0/11-	20
			min	%Us %Us	20 60
Average coil consumer	tion <20°C		max	76US	00
Average coil consump	uon ≥20 C		in-rush	W	300
			in-rush holding	W	10
Max cycles frequency			noiding	V V	10
Mechanical operation				cycles/h	2400
Operating times				Cycles/11	2400
Average time for Us co	ontrol				
	in AC				
		Closing NO			
		5.55g 5	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	for the second second				
Full-load current (FLA)	tor three-phase AC n	notor	-1.4001/	Λ	240
			at 480V	A	240
Violded machanical	rformonas		at 600V	Α	242
Yielded mechanical pe		motor			
	for three-phase AC	IIIUUI	200/208V	HP	75
			200/208V 220/230V	HP	100
			575/600V	HP	250
General USE			37 3/000 1	111	200
Constant COL	Contactor				
	Jonado		AC current	Α	350
Short-circuit protection	fuse, 600V		, to carrotte	, ,	
2 S San protocion	Standard fault				
			Short circuit current	kA	18
			Fuse rating	Α	800



Fuse class L Ambient conditions Temperature Operating temperature °C -50 min max °C 70 Storage temperature °C -60 min °C 80 max Max altitude 3000 m Resistance & Protection Pollution degree 3 Dimensions [mm (in)]

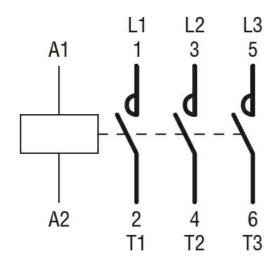


Wiring diagrams

380...415VAC/DC



ENERGY AND AUTOMATION



O 42	er er			
Certi	ticatior	าร ลทด	l compl	liance

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





Product designation			Power contactor
Product type designation			B250
Contact characteristics		N.I.	
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			0.5
	min	Hz	25
IEC Conventional free air thermal current Ith	max	Hz	400
		Α	350
Operational current le	AO 4 (4409O)	Δ.	050
	AC-1 (≤40°C)	A	350
	AC-1 (≤55°C)	A	300
	AC-1 (≤70°C)	A	250
	AC-3 (≤440V ≤55°C)	A	265
D. I. J. and C.	AC-4 (400V)	Α	115
Rated operational power AC-3 (T≤55°C)	0001/	1.147	00
	230V	kW	83
	400V	kW	140
	415V	kW	155
	440V	kW	164
	500V 690V	kW kW	176 212
	1000V	kW	156
Rated operational power AC-1 (T≤40°C)	1000 V	KVV	100
Rated operational power AC-1 (1540 C)	230V	LAAA	124
	400V	kW kW	214
	500V	kW	282
	690V	kW	380
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	090 V	K V V	300
ILO max current le in DOT with Lift 3 mis with 1 poles in series	75V	Α	350
	110V	A	160
	220V	A	
	330V	_	
	460V	A A	
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series			
120 max outlone to in 201 with 2/11 2 miles with 2 poles in selies	75V	Α	350
	110V	A	300
	220V	A	250
	330V	A	
	460V	A	
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	1 00 V		
120 max outlone to the DOT with DIV 2 miles with a poles in series	75V	Α	350
	110V	A	300
	220V	A	300
	220 V	77	



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	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	100 v	- , ,	
The max current to in 600-600 with ETC = 10m3 with 2 poics in school	75V	Α	280
	110V	A	250
	220V	A	200
	330V	A	200
IFO	460V	Α	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series	751		000
	75V	Α	280
	110V	Α	280
	220V	Α	250
	330V	Α	200
	460V	A	
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)	, ,	Α	2750
Breaking capacity at voltage		*	
3 1 4 9 4 4 4 9	440V	Α	2500
	500V	Α	2250
	690V	Α	2200
Resistance per pole (average value)	3001	mΩ	0.2
Power dissipation per pole (average value)			<u> </u>
i ovioi dissipation poi poio (average value)	Ith	W	24.5
	AC3	W	12.5
Tightoning torque for terminals	AUS	٧٧	14.0
Tightening torque for terminals	!	Nime	25
	min	Nm Non	35
	max	Nm	35
	min	lbin	25.8
	max	lbin	25.8
Tightening torque for coil terminal			
	min	Nm	1
	max	Nm	1



		min	Ibin	0.74
		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		500 kcmil
	ction 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			
0		max		500 kcmil
Operations				4000000
Mechanical life			cycles	10000000
Electrical life			cycles	1000000
Safety related data	0d			
Performance level B1	0d according to EN/ISO 13489-1			1000000
		rated load mechanical load	cycles	1000000
		mechanical inad	cycles	10000000
Minnen contate consuli		meenamean load		
	ng to IEC/EN 609474-4-1	medianical load		yes
EMC compatibility	ng to IEC/EN 609474-4-1	mediamear load	-,	yes yes
EMC compatibility AC coil operating		THE GRAINCAL IOAA		
EMC compatibility				yes
EMC compatibility AC coil operating		min	V	yes 440
EMC compatibility AC coil operating Rated AC voltage at 5				yes
EMC compatibility AC coil operating	50/60Hz, 60Hz	min	V	yes 440
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz	min	V	yes 440
EMC compatibility AC coil operating Rated AC voltage at 5	50/60Hz, 60Hz	min max	V	yes 440 415
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz	min max min	V V	yes 440 415
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	min max	V	yes 440 415
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz	min max min max	V V WUs %Us	yes 440 415 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	min max min max min	V V V %Us %Us	yes 440 415 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	min max min max	V V WUs %Us	yes 440 415 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min max min	V V V %Us %Us	yes 440 415 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up	min max min max min max	V V V %Us %Us %Us	yes 440 415 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min max min max	V V V %Us %Us %Us %Us	yes 440 415 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us	yes 440 415 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	min max min max min max	V V V %Us %Us %Us %Us	yes 440 415 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110 20
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110 20 60 80
EMC compatibility AC coil operating Rated AC voltage at 5	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	V V V %Us %Us %Us %Us %Us %Us	yes 440 415 80 110 20 60 80 110 20 60 80

AC average coil consumption at 20°C

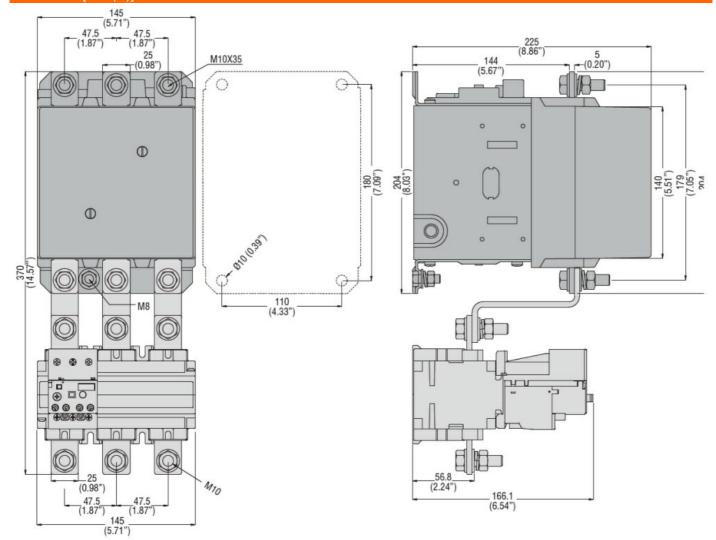
of 50/60Hz coil powered at 50Hz



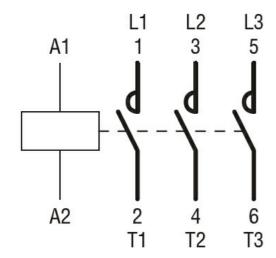
			in-rush	VA	300
			holding	VA	10
	of 50/60Hz coil power	ed at 60Hz			
			in-rush	VA	300
			holding	VA	10
Dissipation at holding ≤	≦20°C 50Hz			W	10
DC coil operating					
DC rated control voltag	je				
			min	V	440
			max	V	415
DC operating voltage					
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consumpt	tion ≤20°C				
· ·			in-rush	W	300
			holding	W	10
Max cycles frequency					
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us co	ntrol				
3	in AC				
		Closing NO			
			min	ms	80
			max	ms	120
		Opening NO			-
		1 0	min	ms	30
			max	ms	75
	in DC				
		Closing NO			
		ŭ	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 mo	otor			
, ,	•		at 480V	Α	240
			at 600V	Α	242
Yielded mechanical pe	rformance				
·	for three-phase AC m	otor			
	•		200/208V	HP	75
			220/230V	HP	100
			575/600V	HP	250
General USE					
	Contactor				
			AC current	Α	350
Short-circuit protection	fuse, 600V		·		
	Standard fault				
			Short circuit current	kA	18
			Fuse rating	A	800
			. 200 (419		



Fuse class L Ambient conditions Temperature Operating temperature °C -50 min max °C 70 Storage temperature °C -60 min °C 80 max Max altitude 3000 m Resistance & Protection Pollution degree 3 Dimensions [mm (in)]



Wiring diagrams



O 1100 1			
Certificat	ione and	comr	Mianca
Ceruncai	iulis aliu		ліансе

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