11B115L00110C220



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 110A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 110...125VAC/DC, MECHANICAL LATCH 220...240VDC



Draduct designation			Dowor contactor
Product designation			Power contactor
Product type designation Contact characteristics			B115
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated inpulse withstand voltage Uimp		kV	8
Operational frequency		κv	0
Operational frequency	min	Hz	25
	min	Hz	400
IEC Conventional free air thermal current Ith	max	A	160
Operational current le		A	100
Operational current le	$A \subset A (< 40^{\circ} C)$	٨	160
	AC-1 (≤40°C) AC-1 (≤55°C)	A	160 150
	AC-1 (≤55 C) AC-1 (≤70°C)	A	110
	AC-3 (≤440V ≤55°C)	A A	110
	AC-3 (54400 555 C) AC-4 (400V)	A	47
Poted appretional power AC 2 (TCE5°C)	AC-4 (400V)	A	47
Rated operational power AC-3 (T≤55°C)	4001/	kW	61
Dated anarational neuror AC 1 (T<10°C)	400V	KVV	61
Rated operational power AC-1 (T≤40°C)	2201/	LAA7	F7
	230V 400V	kW kW	57
	400V 500V	kw	98 129
	690V	kW	129
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	090 V	KVV	175
The max current le in DCT with $L/R \le 100$ with 1 poles in series	75\/	٨	160
	75V 110V	A A	160 100
	220V	A	100
	330V	A	_
	460V	A	-
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	400 V	~	
IEC max current le in DCT with E/(3 mis with 2 poles in series	75V	А	160
	110V	A	130
	220V	A	100
	330V	A	-
	460V	A	_
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series	4004	~	
	75V	А	160
	110V	A	130
	220V	A	130
	330V	A	100
	460V	A	_
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	400 V	~	
	75V	А	160
	110V	A	130
	220V	A	130
	2200	А	130

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220...240VDC

	330V	А	130
	460V	A	100
EC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series			
	75V	А	140
	110V	Α	70
	220V	А	_
	330V	А	-
	460V	А	_
EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series			
•	75V	А	140
	110V	A	100
	220V	A	80
	330V	A	00
			-
	460V	A	_
EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
	75V	A	140
	110V	А	120
	220V	А	100
	330V	Α	80
	460V	Α	-
EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series			
	75V	А	140
	110V	А	120
	220V	А	120
	330V	A	120
	460V	A	80
Short-time allowable current for 10s (IEC/EN60947-1)	1001	A	1100
Protection fuse		~	1100
		۸	200
	gG (IEC)	A	200
	aM (IEC)	A	125
Making capacity (RMS value)		A	1300
Breaking capacity at voltage			
	440V	A	1300
	500V	Α	1100
	690V	А	880
Resistance per pole (average value)		mΩ	0.3
Power dissipation per pole (average value)			
	lth	W	7.7
	AC-3	W	4
Fightening torque for terminals			
	min	Nm	10
	max	Nm	10
	min	Ibin	7.4
	max	Ibin	7.4
Max number of wires simultaneously connectable	Παλ	Nr.	2
Max number of wires simultaneously connectable		INI.	۷
Conductor section			
AWG/Kcmil			- /-
	max		2/0
Power terminal protection according to IEC/EN 60529			IP00
Nechanical features			
Dperating position			
	normal		Vertical plan
	allowable		±30°
	anowabie		±00



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ENERGY AND AUTOMATION

220...240VDC

Fixing Weight Conductor section AWG/kcmil conductor section		g	6
AWG/kcmil conductor section			
Operations			
Operations	max		2/0
Mechanical life		cycles	1000000
Electrical life		cycles	1100000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	1100000
	mechanical load	cycles	1000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 50/60Hz, 60Hz			
	min	V	110
	max	V	125
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up		0/11-	00
	min	%Us	80
	max	%Us	110
drop-out		0/11-	00
	min	%Us	20
	max	%Us	60
of 50/60Hz coil powered at 60Hz			
pick-up	min	%Us	80
	min max	%Us %Us	110
drop-out	max	7005	110
000-000	min	%Us	20
	max	%Us	60
of 60Hz coil powered at 60Hz	IIIdA	/003	00
pick-up			
μοκ-αμ	min	%Us	80
	max	%Us	110
drop-out	Παλ	/000	
	min	%Us	20
	max	%Us	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 powered at 60Hz			
	in-rush	VA	300
	holding	VA	10
Dissipation at holding ≤20°C 50Hz		W	10
DC coil operating			
DC rated control voltage			
	min	V	110
	11111		

DC operating voltage



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ENERGY AND AUTOMATION			(6495), 1101257AC		220240VDC
	pick-up				
			min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consump	tion ≤20°C				
			in-rush	W	300
			holding	W	10
Max cycles frequency				cycles/h	2400
Mechanical operation Operating times				cycles/n	2400
Average time for Us co	ontrol				
	in AC				
		Closing NO			
		5 5 5 5	min	ms	60
			max	ms	100
		Opening NO			
			min	ms	25
			max	ms	60
	in DC				
		Closing NO			
			min	ms	60
			max	ms	100
		Opening NO	min	ms	25
			max	ms	60
UL technical data			Пах	1110	
Full-load current (FLA)	for three-phase A	C motor			
, , , , , , , , , , , , , , , , , , ,	•		at 480V	А	96
			at 600V	А	99
Yielded mechanical pe	erformance				
	for three-phase /	AC motor			
			200/208V	HP	30
			220/230V	HP	40
			575/600V	HP	100
General USE					
	Contactor			٨	160
Oh out alway it must a stirt	fuer (00)/		AC current	A	160
Short-circuit protection	1 IUSE, 600V				

Standard fault

		Short circuit current	kА	5
		Fuse rating	А	500
		Fuse class		RK5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000

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Resistance & Protection

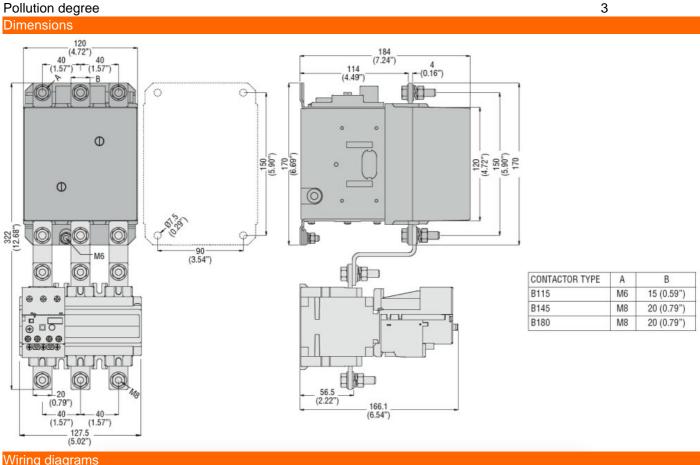
11B115L00110C220 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



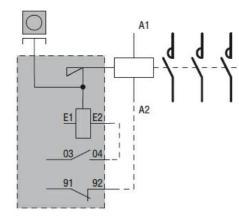
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Pollution degree



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	

11B115L00110C220



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ETIM 8.0

EC000066 -Power contactor, AC switching