11B115L00220C220



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



			han and
Product designation			Power contactor
Product type designation			B115
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		A	160
Operational current le			
	AC-1 (≤40°C)	А	160
	AC-1 (≤55°C)	A	150
	AC-1 (≤70°C)	A	110
	AC-3 (≤440V ≤55°C)	A	110
	AC-4 (400V)	A	47
Rated operational power AC-3 (T≤55°C)			
	400V	kW	61
Rated operational power AC-1 (T≤40°C)	1001		01
	230V	kW	57
	400V	kW	98
	500V	kW	129
	690V	kW	173
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	0001		
	75V	А	160
	110V	A	100
	220V	A	_
	330V	A	_
	460V	A	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	75V	А	160
	110V	А	130
	220V	А	100
	330V	А	_
	460V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	75V	А	160
	110V	А	130
	220V	A	130
	330V	А	100
	460V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
- ···· ····· · ·····	75V	А	160
	110V	A	130
	220V	A	130
	2201		



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	330V	А	130
	460V	А	100
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
· ·	75V	А	140
	110V	A	70
	220V	A	_
	330V	A	_
	460V	A	_
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series			
	75V	А	140
	110V	A	100
	220V	A	80
	330V	A	_
	460V	A	
IFC may summant to in DC2 DC5 with 1/D < 15 may with 2 males in series	400 V	A	_
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 3 poles in series		•	4.40
	75V	A	140
	110V	A	120
	220V	A	100
	330V	A	80
	460V	A	-
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series			
	75V	А	140
	110V	А	120
	220V	А	120
	330V	А	120
	460V	А	80
Short-time allowable current for 10s (IEC/EN60947-1)		А	1100
Protection fuse			
	gG (IEC)	А	200
	aM (IEC)	А	125
Making capacity (RMS value)	. ,	А	1300
Breaking capacity at voltage			
	440V	А	1300
	500V	A	1100
	690V	A	880
Resistance per pole (average value)	0001	mΩ	0.3
		11152	0.3
Power dissipation per pole (average value)	141-	14/	7 7
	Ith	W	7.7
	AC-3	W	4
Tightening torque for terminals			
	min	Nm	10
	max	Nm	10
	min	lbin	7.4
	max	lbin	7.4
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	max		2/0
Power terminal protection according to IEC/EN 60529			IP00
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		±30°
	2.10170.010		

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ENERGY AND AUTOMATION

220...240VDC

Fixing				Screw
Weight			g	6
Conductor section				
	AWG/kcmil conductor section			
		max		2/0
Operations				
Mechanical life			cycles	1000000
Electrical life			cycles	1100000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1		_	
		rated load	cycles	1100000
		mechanical load	cycles	1000000
	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	ου/ουπΖ, ουπΖ			220
		min	V	220
AC opporation walters		max	V	240
AC operating voltage	of E0/60Hz apil powered at E0Hz			
	of 50/60Hz coil powered at 50Hz			
	pick-up	min	%Us	80
		max	%Us	110
	drop-out	Шах	/003	110
		min	%Us	20
		max	%Us	60
	of 50/60Hz coil powered at 60Hz	The A	/000	
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	60
	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
· · · · ·		max	%Us	60
AC average coil cons	•			
	of 50/60Hz coil powered at 50Hz		1/4	
		in-rush	VA	300
		holding	VA	10
	of 50/60Hz coil powered at 60Hz	المربية منا	\/A	200
		in-rush	VA	300
Dissinction at halding	<20°C 50H-	holding	VA W	10
Dissipation at holding			VV	10
DC coil operating	<u></u>			
DC rated control volta	9c	min	V	220
		max	V V	220 240
		IIIdX	v	270

DC operating voltage



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ENERGY AND AUTOMATION

ENERGY AND AUTOMATION					220240VD
	pick-up			0/110	0.0
			min	%Us	80
	drap out		max	%Us	110
	drop-out		min	%Us	20
			max	%Us	60
Average coil consumpt	ion <20°C		Παλ	/003	00
/werage con consumpt	1011 - 20 0		in-rush	W	300
			holding	Ŵ	10
Max cycles frequency			Holding		10
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us co	ntrol				
Ū	in AC				
		Closing NO			
			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	-	25
			min	ms	25 60
UL technical data			max	ms	80
Full-load current (FLA)	for three-phase AC mo	tor			
	ior intee-phase AC mo		at 480V	А	96
			at 600V	A	99
Yielded mechanical per	formance			,,	
	for three-phase AC m	otor			
			200/208V	HP	30
			220/230V	HP	40
			575/600V	HP	100
General USE					
	Contactor				
			AC current	А	160
Short-circuit protection	fuse, 600V				
	Standard fault				
			Short circuit current	kA	5
			Fuse rating	А	500
			Fuse class		RK5
Ambient conditions					

Ambient conditions Temperature

Temperature				
·	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Pro	tection			

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220...240VDC

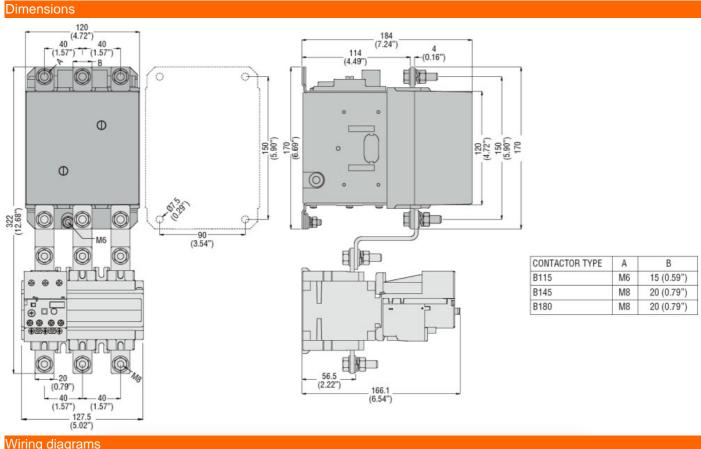


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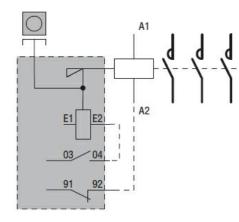
ENERGY AND AUTOMATION

Pollution degree

3



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	
	000
	cULus
	EAC
ETIM classification	n

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ETIM 8.0

EC000066 -Power contactor, AC switching