## 11B115L00380380



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 110A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 380...415VAC/DC, MECHANICAL LATCH 380...415VAC



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



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380...415VAC

	330V	А	130
	460V	Α	100
EC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series			
	75V	А	140
	110V	А	70
	220V	А	-
	330V	А	-
	460V	А	_
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 2 poles in series			
	75V	А	140
	110V	А	100
	220V	А	80
	330V	А	_
	460V	А	_
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 3 poles in series			
	75V	А	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	75\/	٨	1.10
	75V	A	140
	110V	A	120
	220V	А	120
	330V	A	120
	460V	A	80
Short-time allowable current for 10s (IEC/EN60947-1)		А	1100
Protection fuse			
	gG (IEC)	Α	200
	aM (IEC)	А	125
Making capacity (RMS value)		А	1300
Breaking capacity at voltage			
	440V	А	1300
	500V	А	1100
	690V	А	880
Resistance per pole (average value)		mΩ	0.3
Power dissipation per pole (average value)			
	Ith	W	7.7
	AC-3	W	4
Tightening torque for terminals	//0/0	**	
	min	Nm	10
		Nm	10
	max		7.4
	min	lbin Ibin	
	max	Ibin	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°



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ENERGY AND AUTOMATION

380...415VAC

Fixing				Screw
Weight			g	6
Conductor section			Ŭ	
	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
	ing to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 8	50/60Hz, 60Hz			
		min	V	380
		max	V	415
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
		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		0/11	
		min	%Us	20
		max	%Us	60
	of 60Hz coil powered at 60Hz			
	pick-up		0/11-	80
		min	%Us	80
	drop out	max	%Us	110
	drop-out	min	%Us	20
		max	%Us %Us	60
AC average coil cons	umption at 20°C	IIIdA	/003	00
AU average coll colls	of 50/60Hz coil powered at 50Hz			
	or solver is con powered at solits	in-rush	VA	300
		holding	VA VA	10
	of 50/60Hz coil powered at 60Hz	noiding	v7 (	
		in-rush	VA	300
		holding	VA VA	10
Dissipation at holding	≤20°C 50Hz	lioiding	W	10
DC coil operating			~ ~	
DC rated control volta				
	.y~	min	V	380
		max	v	415
		max	v	

DC operating voltage



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ENERGY AND AUTOMATION	READY FITTED W	/ITH MECHANICAL LAT	CH (G495), 380415VAC	C/DC, ME	CHANICAL LATC 380415VA
	pick-up				
	Prove ob		min	%Us	80
			max	%Us	110
	drop-out				
			min	%Us	20
			max	%Us	60
Average coil consump	otion ≤20°C				
			in-rush	W	300
			holding	W	10
Max cycles frequency	,				
Mechanical operation				cycles/h	2400
Operating times					
Average time for Us c					
	in AC				
		Closing NO			00
			min	ms	60
		Opening NO	max	ms	100
		Opening NO	min	me	25
			max	ms ms	60
	in DC		IIIdA	1113	00
	III DO	Closing NO			
		clocking rec	min	ms	60
			max	ms	100
		Opening NO			
		1 0	min	ms	25
			max	ms	60
UL technical data					
Full-load current (FLA	) for three-phase A	C motor			
			at 480V	А	96
			at 600V	Α	99
Yielded mechanical p					
	for three-phase A	AC motor			
			200/208V	HP	30
			220/230V	HP	40
			575/600V	HP	100
General USE	<b>0</b>				
	Contactor				100
Oh ant airead to material	n fuen (000)/		AC current	A	160
Short-circuit protection					
	Standard fault		Chart aire it are at	L- A	F
			Short circuit current	kA	5

		Short circuit current	kA	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
Resistance & Protect	ion			

11B115L00380380 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

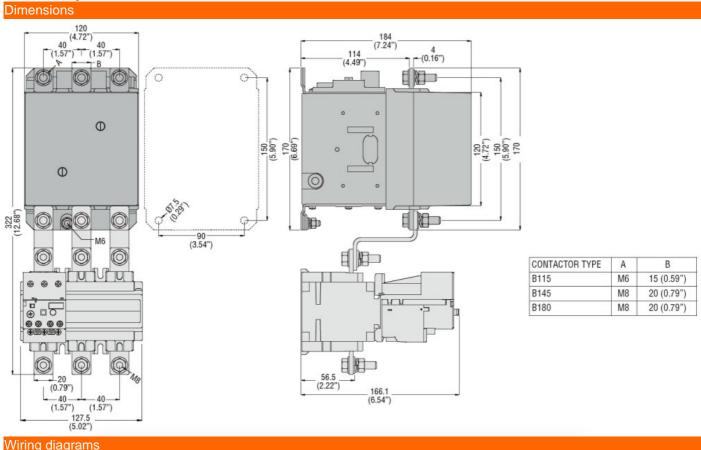


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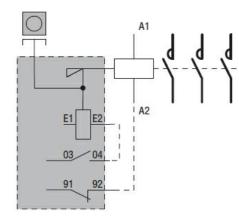
ENERGY AND AUTOMATION

## 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	
	CCC
	cULus
	EAC
ETIM classification	





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**ETIM 8.0** 

EC000066 -Power contactor, AC switching