11B6304L00220220



FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 800A, AC/DC COIL, electric ALREADY FITTED WITH MECHANICAL LATCH (G495), 220...240VAC/DC, MECHANICAL LATCH 220...240VAC



Product designation Product type designation			Power contactor B630
Contact characteristics			B030
Number of poles		Nr.	4
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	800
Operational current le			
	AC-1 (≤40°C)	A	800
	AC-1 (≤55°C)	Α	640
	AC-1 (≤70°C)	A	540
	AC-3 (≤440V ≤55°C)	A	630
Deted energtional nerver AC 1 (T<10°C)	AC-4 (400V)	A	260
Rated operational power AC-1 (T≤40°C)	2201/		200
	230V 400V	kW kW	288 500
	400V 500V	kW	655
	690V	kW	860
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series	0001		000
	75V	А	800
	110V	A	460
	220V	А	
	330V	А	
	460V	А	
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	75V	А	800
	110V	А	800
	220V	А	700
	330V	Α	
	460V	A	
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	75V	A	800
	110V	A	800
	220V	A	800
	330V 460V	A	700
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	400 V	A	
	75V	А	800
	110V	A	800
	220V	A	800
	330V	A	750
	460V	A	700
		- •	



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ENERGY AND AUTOMATION

220...240VAC

75V 110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V 220V 330V 460V	A A A A A A A A A A A A A A A A A	800 460 800 800 700 800 800 800 800 800 650
110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V 220V 330V 460V	A A A A A A A A A A A A A A	460 800 800 700 800 800 800 800 800 800
220V 330V 460V 75V 110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A A A A A	 800 800 700 800 800 800 800 800 800
330V 460V 75V 110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A A A A A	 800 800 700 800 800 800 800 650
460V 75V 110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A A A A	800 800 700 800 800 800 800 650
110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A A	800 700 800 800 800 800 650
110V 220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A A	800 700 800 800 800 800 650
220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A A	800 700 800 800 800 800 650
220V 330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A A	700 800 800 800 800 650
330V 460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A A	 800 800 800 650
460V 75V 110V 220V 330V 460V 75V 110V	A A A A A A	800 800 800 650
75V 110V 220V 330V 460V 75V 110V	A A A A A	800 800 650
110V 220V 330V 460V 75V 110V	A A A A	800 800 650
110V 220V 330V 460V 75V 110V	A A A A	800 800 650
220V 330V 460V 75V 110V	A A A	800 650
330V 460V 75V 110V	A A A	650
460V 75V 110V	A	
75V 110V	А	
110V		
110V		800
	Α	800
2200	A	800
330V	A	650
460V	-	700
400 V	A A	5040
	A	5040
	^	1000
gG (IEC)	A	1000
aM (IEC)	A	630
	A	6300
44014	•	0000
		6300
		5600
690V		5000
	mΩ	0.14
		90
AC-3	W	56
min	Nm	55
max		55
min		40.6
max	lbin	40.6
min	Nm	1
max	Nm	1
min	Ibin	0.74
max	Ibin	0.74
	Nr.	2
max		Ov COO karal
		2x 600 kcmil
_	max min max min max min	500VA690VAmΩIthWAC-3WminNmmaxNmminIbinmaxIbinminNmminIbinminIbinminIbinMinIbinMinIbinMinIbinMinIbinMinIbinMinIbinMinIbin



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ENERGY AND AUTOMATION

Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	2220
Conductor section			-	
	AWG/kcmil conductor section			
		max		2x 600 kcmil
Operations				
Mechanical life			cycles	5000000
Electrical life			cycles	700000
Safety related data			-,	
	Dd according to EN/ISO 13489-1			
		rated load	cycles	700000
		mechanical load	cycles	5000000
Mirror contats accordir	ng to IEC/EN 609474-4-1	moonamoundad	0,0100	yes
EMC compatibility	.g.o.ieo/en 000 ir i i i			yes
AC coil operating				,
Rated AC voltage at 50	0/60Hz 60Hz			
Naled AC Voltage at 50		min	V	220
			V	240
AC operating voltage		max	V	240
AC operating voltage	of E0/60Hz and noward at E0Hz			
	of 50/60Hz coil powered at 50Hz			
	pick-up		0/11-	0.0
		min	%Us	80
	-lass suit	max	%Us	110
	drop-out		0/11-	00
		min	%Us	20
		max	%Us	60
	of 50/60Hz coil powered at 60Hz			
	pick-up		o / 1 1	
		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 consu	•			
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	400
		holding	VA	18
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	400
		holding	VA	18
Dissipation at holding :	≤20°C 50Hz	<u>0</u>	W	18

DC rated control voltage

220...240VAC





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ENERGY AND AUTOMATION		22
	min V	220
	max V	240
DC operating voltage		
pick-u		
	min %Us	80
	max %Us	110
drop-c		
	min %Us	20
	max %Us	60
Average coil consumption ≤20		
	in-rush W	400
	holding W	18
Max cycles frequency	· · ·	4000
Mechanical operation	cycles/h	1200
Operating times		
Average time for Us control		
in AC		
	Closing NO min ms	110
	min ms max ms	180
	Opening NO	100
	min ms	60
	max ms	100
in DC		
	Closing NO	
	min ms	110
	max ms	180
	Opening NO	
	min ms	60
	max ms	100
UL technical data		
General USE		
Conta		
	AC current A	800
Short-circuit protection fuse, 6		
Standa		
	Short circuit current kA	18
	Fuse rating A	1500
	Fuse class	L

Operating ten	nperature
---------------	-----------

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



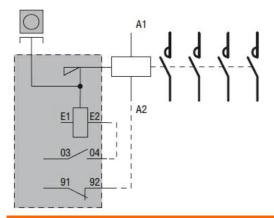
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ENERGY AND AUTOMATION

259 (10.20") 65 (2.56") 263 65 6 (0.24") (6.99*) Θ Θ 270 230 170 6.69 230 (9.05 θ θ Q 215 M10

CONTACTOR TYPE A В С B500 M10 35 (1.38") 265 (10.43*) B630 M12 270 (10.63*) 40 (1.57")

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 60947-4-1		
IEC/EN 60947-1		
IEC/EN 60947-4-1		
UL 60947-1		
UL 60947-4-1		

Certificates

cULus

ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching

220...240VAC