



Product designation Product type designation			Power contactor BF18
Contact characteristics			BING
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		Α	32
Operational current le			
	AC-1 (≤40°C)	А	32
	AC-1 (≤55°C)	А	26
	AC-1 (≤70°C)	А	23
	AC-3 (≤440V ≤55°C)	А	18
	AC-4 (400V)	А	8.5
Rated operational power AC-3 (T≤55°C)			
	230V	kW	4
	400V	kW	7.5
	415V	kW	9
	440V	kW	9
	500V	kW	10
	690V	kW	10
Rated operational power AC-1 (T≤40°C)			
	230V	kW	12
	400V	kW	21
	500V	kW	26
	690V	kW	36
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	17
	48V	А	15
	75V	А	15
	110V	А	6
	220V	Α	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	20
	48V	А	20
	75V	А	20
	110V	А	13
	220V	Α	1
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
	≤24V	А	22
	48V	А	22
	75V	А	20
	110V	А	16

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ, 48VAC, 1NO AUXILIARY CONTACT

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	220V	А	11	
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series	2201			
	≤24V	А	22	
	48V	A	22	
	75V	A	20	
	110V	A	18	
	220V	A	13	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
	≤24V	А	12	
	48V	A	11	
	75V	А	11	
	110V	А	2	
	220V	А	_	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	15	
	48V	А	13	
	75V	А	13	
	110V	А	8	
	220V	А	2	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series				
	≤24V	А	18	
	48V	А	18	
	75V	А	16	
	110V	А	12	
	220V	А	6	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series				
	≤24V	А	18	
	48V	А	18	
	75V	А	16	
	110V	А	13	
	220V	Α	8	
Short-time allowable current for 10s (IEC/EN60947-1)		Α	200	
Protection fuse				
	gG (IEC)	А	32	
	aM (IEC)	Α	20	
Making capacity (RMS value)		Α	180	
Breaking capacity at voltage				
	440V	А	144	
	500V	А	120	
	690V	A	94	
Resistance per pole (average value)		mΩ	2.5	
Power dissipation per pole (average value)				
	lth	W	2.6	
	AC-3	W	0.8	
Tightening torque for terminals				
	min	Nm	1.5	
	max	Nm	1.8	
	min	lbin	1.1	
	max	Ibin	1.5	
Tightening torque for coil terminal	-	• ·	a c	
	min	Nm	0.8	
	max	Nm	1	
	min	Ibin	0.8	

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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ, 48VAC, 1NO AUXILIARY CONTACT

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M		max	Ibin	0.74
	simultaneously connectable		Nr.	2
Conductor section	AWG/Kcmil			
	Awg/Kcmii	may		10
	Flexible w/o lug conductor section	max		10
	Flexible w/o lug conductor section	min	mm²	1
		max	mm²	6
	Flexible c/w lug conductor section	max		0
		min	mm²	1
		max	mm²	4
	Flexible with insulated spade lug conductor section	max		•
		min	mm²	1
		max	mm²	4
				IP20 when
Power terminal prote	ction according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN ra
_				35mm
Weight			g	362
Conductor section				
	AWG/kcmil conductor section			
		max		10
Auxiliary contact char	racteristics			
Thermal current Ith			A	10
IEC/EN 60947-5-1 de	esignation			
				A600 - P600
Operating current AC				
		230V	A	3
		400V	A	3 1.9
Operating current AC	15			3
	15	400V 500V	A A	3 1.9 1.4
Operating current AC	212	400V	A	3 1.9
Operating current AC	212	400V 500V 110V	A A A	3 1.9 1.4 5.7
Operating current AC	212	400V 500V 110V 24V	A A A	3 1.9 1.4 5.7 5.7
Operating current AC	212	400V 500V 110V 24V 48V	A A A A A	3 1.9 1.4 5.7 5.7 2.9
Operating current AC	212	400V 500V 110V 24V 48V 60V	A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3
Operating current AC	212	400V 500V 110V 24V 48V 60V 110V	A A A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25
Operating current AC	212	400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1
Operating current AC	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55
Operating current AC Operating current DC Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V	A A A A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1
Operating current AC Operating current DC Operating current DC	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2
Operating current AC Operating current DC Operating current DC Operations Mechanical life	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A Cycles	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2 20000000
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A A	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	212	400V 500V 110V 24V 48V 60V 110V 125V 220V	A A A A A A A A A A A Cycles	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2 20000000
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	212	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2 20000000 1600000
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data	212 213 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2 20000000 1600000 1600000
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B ²	212 213 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2 20000000 1600000 1600000 1600000
Operating current AC Operating current DC Operating current DC Operations Mechanical life Electrical life Safety related data Performance level B ²	212 213 10d according to EN/ISO 13489-1	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	A A A A A A A A A A A Cycles cycles	3 1.9 1.4 5.7 5.7 2.9 2.3 1.25 1.1 0.55 0.2 20000000 1600000 1600000

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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ, 48VAC, 1NO AUXILIARY CONTACT

Rated AC voltage at 5	0/60Hz		V	48
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	55
	of 50/60Hz coil powered at 60Hz			
	pick-up	_		
		min	%Us	85
		max	%Us	110
	drop-out		0/11-	0.0
		min	%Us	20
	mention at 00%0	max	%Us	55
AC average coil consu	•			
	of 50/60Hz coil powered at 50Hz	in-rush	VA	75
		holding	VA VA	9
	of 50/60Hz coil powered at 60Hz	noiuing	VA	9
	or so/oonz con powered at oonz	in-rush	VA	70
		holding	VA VA	6.5
	of 60Hz coil powered at 60Hz	noiding	٧A	0.0
		in-rush	VA	75
		holding	VA	9
Dissipation at holding	<20°C 50H-			
			VV	2.5
			W	2.5
Max cycles frequency				
	S20 C 30HZ		W cycles/h	
Max cycles frequency Mechanical operation				
Max cycles frequency Mechanical operation Operating times				
Max cycles frequency Mechanical operation Operating times	ontrol			
Max cycles frequency Mechanical operation Operating times	ontrol in AC	min		
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO	min max	cycles/h	3600
Max cycles frequency Mechanical operation Operating times	ontrol in AC	max	cycles/h ms ms	3600 8 24
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO	max	cycles/h ms ms ms	3600 8 24 10
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO Opening NO	max	cycles/h ms ms	3600 8 24
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO	max min max	cycles/h ms ms ms ms	3600 8 24 10 20
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO Opening NO	max min max min	cycles/h ms ms ms ms	3600 8 24 10 20 14
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO Opening NO Closing NC	max min max	cycles/h ms ms ms ms	3600 8 24 10 20
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO Opening NO	max min max min max	cycles/h ms ms ms ms ms ms	3600 8 24 10 20 14 28
Max cycles frequency Mechanical operation Operating times	ontrol in AC Closing NO Opening NO Closing NC	max min max min max min	cycles/h ms ms ms ms ms ms	3600 8 24 10 20 14 28 7
Max cycles frequency Mechanical operation Operating times Average time for Us co	ontrol in AC Closing NO Opening NO Closing NC	max min max min max	cycles/h ms ms ms ms ms ms	3600 8 24 10 20 14 28
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min	cycles/h ms ms ms ms ms ms	3600 8 24 10 20 14 28 7
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data	ontrol in AC Closing NO Opening NO Closing NC	max min max min max min max	cycles/h ms ms ms ms ms ms ms ms	3600 8 24 10 20 14 28 7 18
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max	cycles/h ms ms ms ms ms ms ms ms	3600 8 24 10 20 14 28 7 18 7
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data Full-load current (FLA)	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max	cycles/h ms ms ms ms ms ms ms ms	3600 8 24 10 20 14 28 7 18
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max	cycles/h ms ms ms ms ms ms ms ms	3600 8 24 10 20 14 28 7 18 7
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data Full-load current (FLA)	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max	cycles/h ms ms ms ms ms ms ms ms	3600 8 24 10 20 14 28 7 18 14 17
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data Full-load current (FLA)	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max at 480V at 600V	cycles/h ms ms ms ms ms ms as ms	3600 8 24 10 20 14 28 7 18 7
Max cycles frequency Mechanical operation Operating times Average time for Us co UL technical data Full-load current (FLA)	ontrol in AC Closing NO Opening NO Closing NC Opening NC	max min max min max min max at 480V at 600V	cycles/h ms ms ms ms ms ms as ms hP	3600 8 24 10 20 14 28 7 18 14 17 1

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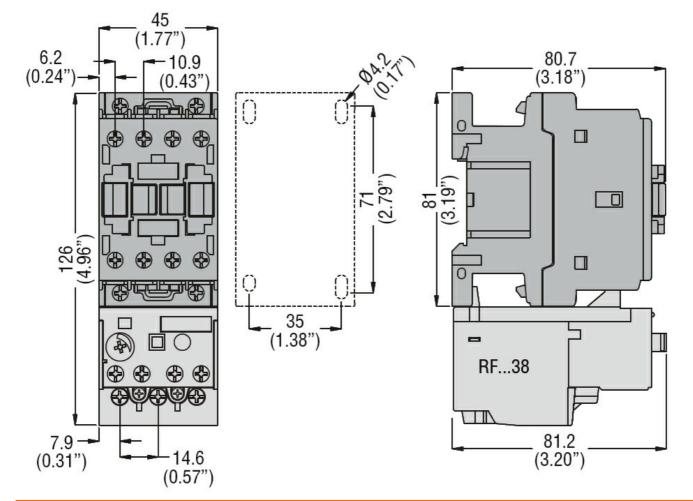
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Contactor AC current A 32 Auxiliary contacts AC voltage V 600 AC current A 10 DC voltage V 250 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V High fault Image: state stat					
Standard fault Short circuit current KA 15 Auxiliary contacts AC current A 32 Auxiliary contacts AC voltage V 600 AC current A 10 0 DC voltage V 250 0 DC voltage V 250 0 DC current A 1 1 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 60 60 Fuse rating A 60 60 Fuse rating A 60 60 Fuse rating A 80 60 Contact rating of auxiliary contacts according to UL KA 5 Maint Fuse rating A 80 Contact rating of auxiliary contacts according to UL KA 5 Fuse rating A 80 60 Contact rating of auxiliary contacts according to UL max °C 70 Storage temperature <t< td=""><td></td><td></td><td>220/230V</td><td>HP</td><td>5</td></t<>			220/230V	HP	5
General USE Contactor AC current A 32 Auxiliary contacts AC voltage V 600 AC current A 10 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 Fuse class J Contact rating of auxiliary contacts according to UL A 600 - P600 A600 - P600 Ambient conditions Femperature Min °C -50 Temperature Operating temperature min °C -50 Max altitude max °C 70 -50 Storage temperature min °C -60 Max altitude m 3000 -60 Resistance & Protection 3 -			460/480V	HP	10
Contactor AC current A 32 Auxiliary contacts AC voltage V 600 AC current A 10 DC voltage V 250 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V High fault Image: state stat			575/600V	HP	15
AC current A 32 Auxiliary contacts AC voltage V 600 AC current A 10 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V BC current A 10 Fuse rating A 60 600 Contact rating of auxiliary contacts according to UL KA 5 Accorditions KA 500 600 Contact rating of auxiliary contacts according to UL KA 50 Contact rating of auxiliary contacts according to UL KA 50 Contact rating of auxiliary contacts according to UL KA 50 Contact rating of auxiliary temperature min °C 70 <t< td=""><td>General USE</td><td></td><td></td><td></td><td></td></t<>	General USE				
Auxiliary contacts AC voltage V 600 AC current A 10 DC voltage V 250 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V High fault A 100 Fuse rating A 60 60 Fuse rating A 60 60 Fuse rating A 60 60 Fuse class J J J Standard fault Short circuit current KA 5 Fuse rating A 80 A Contact rating of auxiliary contacts according to UL A600 - P600 A600 - P600 Ambient conditions T A600 - P600 A600 - P600 Temperature Operating temperature min °C -50 Temperature Min °C -50 -50 Max °C 70 Storage temperature min °C -60 Max Not C 80 -50 -50 Max		Contactor			
AC voltage V 600 AC current A 10 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 80 Contact rating of auxiliary contacts according to UL Anbient conditions Temperature Max arc 70 Storage temperature Min °C -50 max °C 70 Storage temperature Min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection			AC current	А	32
AC current A 10 DC voltage V 250 DC current A 1 Short-circuit protection fuse, 600V High fault Fuse fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 80 Contact rating of auxiliary contacts according to UL Ambient conditions Femperature Operating temperature Min °C -50 max °C 70 Storage temperature Min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3		Auxiliary contacts			
DC voltage DC current V 250 DC current Short-circuit protection fuse, 600V High fault - - Fuse rating A 100 Fuse rating A 60 Fuse rating A 5 Standard fault - - Standard fault Short circuit current kA 5 Contact rating of auxiliary contacts according to UL A 80 Contact rating of auxiliary contacts according to UL A600 - P600 Ambient conditions - - Femperature - - - Operating temperature - - - Storage temperature - - - Max altitude min °C - Max altitude max °C 80 Max altitude min °C - Pollution degree - - -			AC voltage	V	600
DC current A 1 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 60 Fuse rating A 60 Fuse class J Standard fault Short circuit current kA 5 Standard fault Short circuit current kA 5 60 Contact rating of auxiliary contacts according to UL A 600 - P600 A600 - P600 Ambient conditions Femperature A 600 - P600 Contact rating of auxiliary contacts according to UL A 600 - P600 Ambient conditions Femperature Femperature Operating temperature min °C -50 Max °C 70 Storage temperature min °C -60 Max altitude m 3000 Resistance & Protection 3			AC current	А	10
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 60 Fuse rating A 60 Fuse class J Short circuit current kA 5 Standard fault Short circuit current kA 5 Contact rating of auxiliary contacts according to UL A600 - P600 Ambient conditions A600 - P600 Temperature Operating temperature min °C -50 Max °C 70 Storage temperature -50 Max altitude min °C -60 Max altitude m 3000			DC voltage	V	250
High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault KA 5 Standard fault Short circuit current KA 5 Contact rating of auxiliary contacts according to UL A 80 Abitent conditions A 600 - P600 Ambient conditions A 600 - P600 Contact rating of auxiliary contacts according to UL A 80 Abitent conditions A 80 A Contact rating of auxiliary contacts according to UL A A A Ambient conditions A A A A Contact rating of auxiliary contacts according to UL A A A A Ambient conditions Fuse rating A <td></td> <td></td> <td>DC current</td> <td>А</td> <td>1</td>			DC current	А	1
High fault Short circuit current KA 100 Fuse rating A 60 Fuse class J Standard fault KA 5 Standard fault Short circuit current KA 5 Contact rating of auxiliary contacts according to UL A 80 Abitent conditions A 600 - P600 Ambient conditions A 600 - P600 Contact rating of auxiliary contacts according to UL A 80 Abitent conditions A 80 A Contact rating of auxiliary contacts according to UL A A A Ambient conditions A A A A Contact rating of auxiliary contacts according to UL A A A A Ambient conditions Fuse rating A <td>Short-circuit protect</td> <td>tion fuse, 600V</td> <td></td> <td></td> <td></td>	Short-circuit protect	tion fuse, 600V			
Fuse rating Fuse class A 60 Fuse class J Standard fault Short circuit current Fuse rating kA 5 Contact rating of auxiliary contacts according to UL A 600 - P600 Ambient conditions A 600 - P600 Contact rating temperature Min °C Operating temperature min °C Max °C 70 Storage temperature min °C Max altitude m 3000 Resistance & Protection 3	-				
Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 80 Contact rating of auxiliary contacts according to UL A600 - P600 Ambient conditions Femperature A600 - P600 Coperating temperature min °C -50 Max °C 70 70 Storage temperature min °C -60 Max altitude m 3000 3		-	Short circuit current	kA	100
Standard fault Short circuit current kA 5 Fuse rating A 80 Contact rating of auxiliary contacts according to UL A600 - P600 Ambient conditions A600 - P600 Temperature Operating temperature Operating temperature min °C -50 Max altitude min °C 60 Max altitude m 3000 Resistance & Protection 3			Fuse rating	А	60
Short circuit current Fuse rating kA 5 Contact rating of auxiliary contacts according to UL A 80 Ambient conditions A600 - P600 Temperature Operating temperature			Fuse class		J
Fuse rating A 80 Contact rating of auxiliary contacts according to UL A600 - P600 Ambient conditions - Temperature		Standard fault			
Contact rating of auxiliary contacts according to UL A600 - P600 Ambient conditions Temperature Operating temperature Min °C -50 max °C 70 Storage temperature Min °C -60 max °C 80 Max altitude Max altitude Max altitude Max altitude Pollution degree 3			Short circuit current	kA	5
Ambient conditions Femperature Operating temperature Min °C -50 max °C 70 Storage temperature Min °C -60 max °C 80 Max altitude Max			Fuse rating	А	80
Femperature Min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3	Contact rating of au	xiliary contacts according to UL			A600 - P600
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3	Ambient conditions				
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Pollution degree 3	Temperature				
min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3		Operating temperature			
Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3			min	°C	-50
min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3			max	°C	70
min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection 3		Storage temperature			
Max altitude m 3000 Resistance & Protection Pollution degree 3		<u> </u>	min	°C	-60
Resistance & Protection 3 Pollution degree 3			max	°C	80
Resistance & Protection 3 Pollution degree 3	Max altitude			m	3000
Pollution degree 3	Resistance & Prote	ction			
, , , , , , , , , , , , , , , , , , ,					3
	Dimensions				

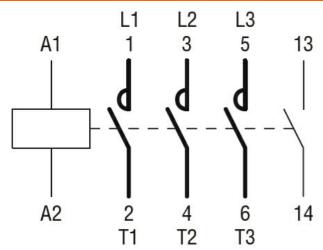
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THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ, 48VAC, 1NO AUXILIARY CONTACT



Wiring diagrams



Certifications and compliance

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Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-4-1
	UL 60947-1
	UL 60947-4-1
Certificates	
	CCC
The state	and side density distributions to subject to us date and different to a transition. The density is to be induced



BF1810A048 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 18A, AC COIL 50/60HZ, 48VAC, 1NO AUXILIARY CONTACT

CULus EAC ETIM classification

ETIM 8.0

EC000066 -Power contactor, AC switching