



Product designation Product type designation			Power contactor BF12
Contact characteristics			
Number of poles		Nr.	4
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		А	28
Operational current le			
	AC-1 (≤40°C)	А	28
	AC-1 (≤55°C)	А	23
	AC-1 (≤70°C)	А	20
	AC-3 (≤440V ≤55°C)	А	12
	AC-4 (400V)	Α	7.9
Rated operational power AC-1 (T≤40°C)			
	230V	kW	10
	400V	kW	18
	500V	kW	23
	690V	kW	32
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	13
	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	18
	110V	А	13
	220V	A	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
	220V	A	11
IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
	≤24V	А	20
	48V	А	20
	75V	А	20
	110V	А	16
	220V	А	12

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IFC may aurrent la in	DC2 DC5 with $L/D < 15$ may with 1 palas in spring			
IEC max current le in	DC3-DC5 with L/R $\leq$ 15ms with 1 poles in series	<2417	^	10
		≤24V	A	12
		48V	A	11
		75V	A	10
		110V	A	2
		220V	A	_
IEC max current le in	DC3-DC5 with L/R $\leq$ 15ms with 2 poles in series			
		≤24V	Α	15
		48V	Α	13
		75V	А	12
		110V	Α	8
		220V	А	2
IEC max current le in	DC3-DC5 with L/R $\leq$ 15ms with 3 poles in series			
		≤24V	А	18
		48V	A	18
		75V	A	15
		110V	A	12
		220V	A	6
IFC may aurrent le in	DC2 $DC5$ with $L/D < 15$ me with 4 poles in parise	220 V	A	0
IEC max current le in	DC3-DC5 with L/R $\leq$ 15ms with 4 poles in series	<0.417	^	4 5
		≤24V	A	15
		48V	Α	15
		75V	A	15
		110V	А	16
		220V	Α	7
Short-time allowable of	current for 10s (IEC/EN60947-1)		Α	150
Protection fuse				
		gG (IEC)	А	32
		aM (IEC)	А	12
Making capacity (RMS	Svalue)		А	120
Breaking capacity at v				
		440V	А	96
		500V	A	96
		690V	A	94
Desistance per polo (r		090 V		
Resistance per pole (a			mΩ	2.5
Power dissipation per	pole (average value)			<u>.</u>
		Ith	W	2
		AC-3	W	0.4
Tightening torque for t	terminals			
		min	Nm	1.5
		max	Nm	1.8
		min	lbin	1.1
		max	lbin	1.5
Tightening torque for a	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	Ibin	0.8
		max	Ibin	0.74
Max number of wires	simultaneously connectable	max	Nr.	
	simultaneously connectable		INI.	2
Conductor section				
	AWG/Kcmil			
		max		10
	Flexible w/o lug conductor section			
		min	mm²	1

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FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 28A, AC COIL 50/60HZ, 24VAC

	max	c mm²	6
	Flexible c/w lug conductor section	-	
	mir		1
	ma	c mm²	4
	Flexible with insulated spade lug conductor section	2	
	mir		1
	max	c mm²	4
Power terminal protec	tion according to IEC/EN 60529		IP20 when properly wired
Mechanical features			property wired
Operating position			
oporating poolitori	norma	I	Vertical plan
	allowable		±30°
		·	Screw / DIN rail
Fixing			35mm
Weight		g	360
Conductor section		Ŭ	
	AWG/kcmil conductor section		
	ma	(	10
Operations			
Mechanical life		cycles	20000000
Electrical life		cycles	2000000
Safety related data			
Performance level B1	0d according to EN/ISO 13489-1		
	rated load	l cycles	2000000
	mechanical load	cycles	20000000
Mirror contats according	ng to IEC/EN 609474-4-1		yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 5	0/60Hz	V	24
AC operating voltage			
	of 50/60Hz coil powered at 50Hz		
	pick-up		
	mir		80
	max	k %Us	110
	drop-out		
	mir		20
	max	« %Us	55
	of 50/60Hz coil powered at 60Hz		
	pick-up	0/11	05
	mir		85
	max dran out	« %Us	110
	drop-out	0/11-	20
	mir		20
AC average coil consu	max Impation at 20°C	~ 70US	55
AU average coll const	•		
	of 50/60Hz coil powered at 50Hz in-rush	N VA	75
	holding		9
	of 50/60Hz coil powered at 60Hz	j vA	J
	in-rush	N VA	70
	holding		6.5
	of 60Hz coil powered at 60Hz	j vA	0.0
	in-rush	N VA	75
	11-105	v A	15

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



FOUR-POLE CONTACTOR, IEC OF 24VAC

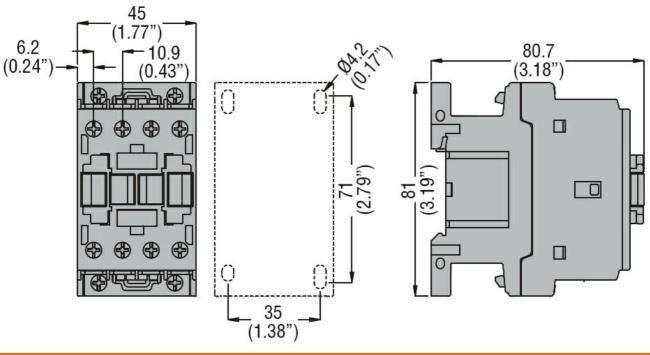
BF12	2T4A024
PERATING CURRENT ITH (AC1) = 28A, AC COI	L 50/60HZ,

Dissipation at holding 320°C 50Hz W 2.5 Max cycles frequency Mechanical operation cyclesh 3600 Operating times Average time for Us control in AC Closing NO min ms 10 max ms 24 Opening NO min ms 10 max ms 20 Closing NC min ms 14 max ms 28 Opening NC min ms 14 max ms 28 Opening NC min ms 14 max ms 28 Opening NC min ms 7 max ms 28 Opening NC min ms 7 max ms 28 Opening NC min ms 14 max ms 28 Opening NC min ms 5 Temperature (FLA) for three-phase AC motor 110/120V HP 1 230V HP 5 220/230V HP 5 20/20V HP 5 20/20V			holding	VA	9
Max cycles frequency      cycles/h      3600        Mechanical operation      cycles/h      3600        Average time for Us control in AC	Dissipation at holding	≤20°C 50Hz			
Operating times        Average time for Us control in AC        Closing NO        min      ms      8        Opening NO      min      ms      10        Closing NC      min      ms      12        min      ms      14        Opening NC      min      ms      12        Opening NC      min      ms      18        UL technical data        Full-load current (FLA) for three-phase AC motor        200//208V      A      110//120V      HP      1        Yielded mechanical performance        Contactor      200//208V      HP      5        General USE      Contactor      A      28        Contactor      A      28        Short-circuit protection fuse, 600V      High fault					
Average time for Us control in AC      Closing NO      min      ms      8.4        Opening NO      min      ms      10        max      ms      2.4        Opening NO      min      ms      10        max      ms      2.4      ms      2.0        Closing NC      min      ms      1.4      ms      2.8        Opening NC      min      ms      7      ms      2.8        Opening NC      min      ms      7      ms      1.1	Mechanical operation			cycles/h	3600
in AC Closing NO min ms 8 A Opening NO min ms 10 max ms 20 Closing NC min ms 14 max ms 28 Opening NC min ms 7 max ms 18 Utechnical data Full-lead ourrent (FLA) for three-phase AC motor Full-lead ourrent (FLA) for three-phase AC motor for three-phase AC motor Contactor Contactor General USE Contactor Contactor Contactor Fuse rating A 30 Fuse class J Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 70 Artheent conditions Fuse rating A 70 Artheent Contactor Temperature min °C -50 max °C 80 Max altitude motor C 800 Max altitude					
Closing NO      min      ms      8        Opening NO      min      ms      10        max      ms      20        Closing NC      min      ms      14        Opening NC      min      ms      28        Opening NC      min      ms      7        max      ms      7      7        Opening NC      min      ms      7        Time      ms      7      7        Opening NC      min      ms      7        Time      min      ms      7        Time      max      ms      7        Time      max      ms      7        Time      min      ms      7        Time      min      ms      7        Time      min      ms      7        Time      min      ms      7        Time      max      11      11        Tielded mechanical performance      tielded mechanical performance      10        Time      max      100 <td>Average time for Us c</td> <td></td> <td></td> <td></td> <td></td>	Average time for Us c				
$\begin{array}{ccccccc} & & & & & & & & & & & & & & & &$					
Opening NO      min      ms      24        Opening NO      min      ms      10        max      ms      20        Closing NC      min      ms      14        Max      ms      28        Opening NC      min      ms      7        Max      ms      7      min      ms      7        VI technical data      min      ms      7      min      ms      7        Villedad current (FLA) for three-phase AC motor      at 800V      A      11      11        Yielded mechanical performance      for single-phase AC motor      110/120V      HP      1      220/208V      HP      2        for three-phase AC motor      200/208V      HP      5      460/480V      HP      5        General USE      Contactor      A      28      5      575/600V      HP      10        General USE      Contactor      A      28      5      5      5      5      5      5      5      5      5      5      5      5 <t< td=""><td></td><td>Closing NO</td><td></td><td></td><td>2</td></t<>		Closing NO			2
Opening NO      min      ms      10        max      ms      20        Closing NC      min      ms      24        max      ms      28        Opening NC      min      ms      28        Opening NC      min      ms      28        Pull-load current (FLA) for three-phase AC motor      min      ms      7        Full-load current (FLA) for three-phase AC motor      110/120V      A      11        Yielded mechanical performance      at 480V      A      11        Yielded mechanical performance      200/208V      HP      1        220/230V      HP      5      220/230V      HP      5        220/230V      HP      5      220/230V      HP      5        General USE      Contactor      A      28        Short-circuit protection fuse, 600V      High fault      Short circuit current      KA      100        Fuse rating      A      30      Fuse rating      A      70        Ambient conditions      T      Fuse rating      A      70   <					
min      ms      10        Closing NC      min      ms      14        Opening NC      min      ms      7        max      ms      7      7        Pull-load current (FLA) for three-phase AC motor      at 480V      A      11        Yielded mechanical performance      at 600V      A      11        Yielded mechanical performance      for single-phase AC motor      200/208V      HP      2        for three-phase AC motor      200/208V      HP      5      220/208V      HP      5        200/208V      HP      5      220/208V      HP      5      220/208V      HP      5        General USE      Contactor      200/208V      HP      10      5      220/208V      HP      10        General USE      Contactor      AC current      A      28      30      Fuse rating      A      30      Fuse rating      A      30      Fuse rating      A      30      Fuse rating      A      70        Ambient conditions      Fuse rating      A      70      70 <td></td> <td></td> <td>IIIdX</td> <td>1115</td> <td>24</td>			IIIdX	1115	24
$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$		Opening NO	min	ms	10
$\begin{tabular}{ c                                   $					
$\begin{tabular}{ c c c c c } \hline & & & & & & & & & & & & & & & & & & $		Closing NC			
Opening NCminms7 max7 ms18UL technical dataFull-load current (FLA) for three-phase AC motorat 480VA11Till/120VA11Yielded mechanical performance for single-phase AC motor110/120VHP1200/208VHP2for three-phase AC motor200/208VHP5220/230VHP5220/230VHP5220/230VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP5200/208VHP70General USEContactorA28Short-circuit protection fuse, 600VHigh faultShort circuit currentKA5Fuse ratingA30Fuse ratingA70A70A70Short circuit currentKA5 <tr< td=""><td></td><td>5</td><td>min</td><td>ms</td><td>14</td></tr<>		5	min	ms	14
$\begin{tabular}{ c c c c c } \hline min & ms & 7 & ms & 18 \\ \hline max & ms & 18 \\ \hline \end{tabular} tab$			max	ms	28
Image      mage      mage <thmage< th="">      mage      mage      <th< td=""><td></td><td>Opening NC</td><td></td><td></td><td></td></th<></thmage<>		Opening NC			
UL technical data        Full-load current (FLA) for three-phase AC motor        at 480V      A      11        Yielded mechanical performance      at 600V      A      11        Yielded mechanical performance      110/120V      HP      1        230V      HP      2      110/120V      HP      1        200/208V      HP      5      220/230V      HP      5        200/208V      HP      5      220/230V      HP      5        200/208V      HP      7.5      575/600V      HP      10        General USE      Contactor      AC current      A      28        Short-circuit protection fuse, 600V      High fault      Short circuit current      KA      100        Fuse class      J      Standard fault      Short circuit current      KA      5        Standard fault      Short circuit current      kA      5      70        Ambient conditions      Fuse rating      A      70        Temperature      min      °C      -50        Grape temperature      min      °C			min	ms	
Full-load current (FLA) for three-phase AC motor    at 480V    A    11      Yielded mechanical performance    for single-phase AC motor    110/120V    HP    1      200/208V    HP    2    5    200/208V    HP    5      for three-phase AC motor    200/208V    HP    5    220/230V    HP    5      200/208V    HP    5    220/230V    HP    5    220/230V    HP    5      General USE    Contactor    AC current    A    28    3      Short-circuit protection fuse, 600V    High fault    Short circuit current    KA    100      Fuse rating    A    30    Fuse class    J    3    3      Standard fault    Short circuit current    kA    5    Fuse rating    A    70      Ambient conditions    Temperature    Operating temperature    min    °C    -50    min    °C    70      Max atitude    min    °C    -60    min    °C    60    min    °C    60    70      Resistance & Protection    min    °C <td></td> <td></td> <td>max</td> <td>ms</td> <td>18</td>			max	ms	18
at 480V at 600VA11 at 600VYielded mechanical performance for single-phase AC motor $110/120V$ HP1 230V $230V$ HP2for three-phase AC motor $200/208V$ HP $220/230V$ HP5 220/230V $400/480V$ HP7.5 57600VGeneral USE $AC$ currentA $28$ $A$ $100$ $AC$ current $A$ $28$ $AC$ current $A$ $28$ $AC$ current $A$ $28$ $A$ $A$ $30$ $F$ use rating $A$ $30$ $F$ use rating $A$ $70$ $A$ $A$ $A$ <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
at 600V      A      11        Yielded mechanical performance for single-phase AC motor      110/120V      HP      1        230V      HP      2      110/120V      HP      1        230V      HP      2      110/120V      HP      2        for three-phase AC motor      200/208V      HP      5      220/230V      HP      5        220/230V      HP      5      220/230V      HP      5        460/480V      HP      7.5      575/600V      HP      10        General USE      Contactor      A      28        Short-circuit protection fuse, 600V      High fault      KA      100        Fuse rating      A      30      100        Fuse class      J      J      J        Ambient conditions      Fuse class      J      J        Temperature      Min      *C      -50        max      *C      70      100        Mex altitude      min      *C      -60        Max altitude      m      30000      100	Full-load current (FLA	) for three-phase AC motor		<u>.</u>	
Yielded mechanical performance for single-phase AC motor    110/120V    HP    1      230V    HP    2      for three-phase AC motor    200/208V    HP    5      220/203V    HP    5    220/208V    HP    5      460/480V    HP    7.5    575/600V    HP    10      General USE    Contactor    AC current    A    28      Short-circuit protection fuse, 600V    High fault    Short circuit current    kA    100      Fuse rating    A    30    Fuse rating    A    30      Ambient conditions    Temperature    KA    5    Fuse rating    A    70      Arnbient conditions    Temperature    min    °C    -50    max    °C    70      Arnbient conditions    Temperature    min    °C    -50    max    °C    70      Arnbient conditions    Temperature    min    °C    -50    max    °C    70      Max attitude    Resistance & Protection    min    °C    -60    max    °C    60					
$\begin{tabular}{ c c c c c } \hline for single-phase AC motor & 110/120V & HP & 1 & 2 & 2 & 1 & 1 & 1 & 2 & 2 & 1 & 1$	Vialdad waashaalad		at 600V	A	11
$\begin{array}{c c c c c c c c } \hline 110/120V & HP & 1 \\ \hline 230V & HP & 2 \\ \hline \hline for three-phase AC motor \\ \hline 200/208V & HP & 5 \\ \hline 220/230V & HP & 5 \\ \hline 220/230V & HP & 5 \\ \hline 460/480V & HP & 7.5 \\ \hline 575/600V & HP & 10 \\ \hline $	rielded mechanical pe				
230V      HP      2        for three-phase AC motor      200/208V      HP      5        220/230V      HP      5        220/230V      HP      7.5        220/208V      HP      7.5        220/200V      HP      10        General USE      Totactor      AC current      A      28        Short-circuit protection fuse, 600V      High fault      Short circuit current      KA      100        Fuse rating      A      30      Fuse class      J        Standard fault      Short circuit current      KA      5        Fuse rating      A      70      Ambient conditions        Temperature      min      °C      -50        Max atitude      min      °C      -50        Max atitude      min      °C      -60        Max atitude      m      3000      -60		for single-phase AC motor	110/120\/	uр	1
for three-phase AC motor    200/208V    HP    5      220/230V    HP    5      220/230V    HP    5      460/480V    HP    7.5      575/600V    HP    10      General USE      Contactor      AC current    A    28      Short-circuit protection fuse, 600V      High fault    Short circuit current    KA    100      Fuse rating    A    30    30      Fuse class    J    J    J      Standard fault    Short circuit current    KA    5      Fuse rating    A    70    A      Ambient conditions      Temperature      Operating temperature    min    °C    -50      max    °C    70    Storage temperature    min    °C    -60      Max attitude    max    °C    80    Max    Max    3000					
200/208V      HP      5        220/230V      HP      5        220/230V      HP      5        460/480V      HP      7.5        575/600V      HP      10        General USE        Contactor        AC current      A      28        Short-circuit protection fuse, 600V        High fault      Short circuit current      KA      100        Fuse rating      A      30      100        Fuse class      J      J      J        Standard fault        Short circuit current      KA      5        Fuse rating      A      70      A        Ambient conditions        Temperature        Operating temperature      min      °C      -50        max      °C      70      S        Max      °C      -60        max      °C      -60      max      °C      80        Max      °C      -60      -60      -60 <t< td=""><td></td><td>for three-phase AC motor</td><td>230 V</td><td></td><td>2</td></t<>		for three-phase AC motor	230 V		2
220/230V      HP      5        460/480V      HP      7.5        575/600V      HP      10        General USE      Contactor      AC current      A      28        Short-circuit protection fuse, 600V      High fault      A      30        Fuse rating      A      30      Fuse rating      A      30        Fuse rating      A      30      Fuse class      J      Standard fault      Short circuit current      kA      5        Standard fault      Short circuit current      kA      5      Fuse rating      A      70        Ambient conditions      T      T      T      T      T      T        Temperature      Operating temperature      min      °C      -50      T        Storage temperature      min      °C      -50      T      T        Max altitude      m      3000      T      T      T		for three-phase AC motor	200/208\/	HP	5
460/480V      HP      7.5        General USE      Contactor      HP      10        General USE      AC current      A      28        Short-circuit protection fuse, 600V      High fault      KA      100        High fault      Short circuit current      KA      100        Fuse rating      A      30      30        Fuse class      J      Standard fault      J        Short circuit current      kA      5      Fuse class      J        Standard fault      Short circuit current      kA      5        Fuse rating      A      70      A        Ambient conditions      Fuse rating      A      70        Ambient conditions      Fuse rating      A      5        Temperature      Operating temperature      min      °C      -50        Max altitude      min      °C      -60      max      °C      80        Max altitude      m      3000      min      °C      80      Min					
General USE  Contactor  AC current  A  28    Short-circuit protection fuse, 600V  High fault  Short circuit current  KA  100    Fuse rating  A  30  30  30    Fuse rating  A  30  30    Standard fault  Short circuit current  kA  5    Temperature  Short circuit current  kA  5    Temperature  Operating temperature  min  °C  -50    Max altitude  min  °C  -60    Max altitude  m  3000					
Contactor    AC current    A    28      Short-circuit protection fuse, 600V    High fault    IOO    IOO      High fault    Short circuit current    kA    100      Fuse rating    A    30    IOO      Fuse class    J    IOO    IOO      Standard fault    Short circuit current    kA    5      Standard fault    Short circuit current    kA    5      Ambient conditions    Fuse rating    A    70      Ambient conditions    IOO    IOO    IOO      Temperature    Operating temperature    min    °C    -50      Max altitude    min    °C    -60    IOO      Max altitude    m    3000    IOO					
AC current  A  28    Short-circuit protection fuse, 600V High fault  IOO	General USE				
Short-circuit protection fuse, 600V    High fault      High fault    Short circuit current    kA    100      Fuse rating    A    30      Fuse class    J      Standard fault    Short circuit current    kA    5      Fuse rating    A    70      Ambient conditions    Temperature    min    °C    -50      Max    °C    70    70      Storage temperature    min    °C    -60      Max altitude    m    3000      Resistance & Protection    m    3000		Contactor			
High fault    Short circuit current Fuse rating    KA    100      Fuse rating    A    30      Fuse class    J      Standard fault    Short circuit current    kA    5      Fuse rating    A    70      Ambient conditions    Fuse rating    A    70      Image: Ambient conditions    Fuse rating    A    6      Image: Ambient conditions    Fuse rating    A <t< td=""><td></td><td></td><td>AC current</td><td>Α</td><td>28</td></t<>			AC current	Α	28
Short circuit current    kA    100      Fuse rating    A    30      Fuse class    J      Standard fault    Short circuit current    kA    5      Fuse rating    A    70      Ambient conditions    Fuse rating    A    70      Temperature    Operating temperature    min    °C    -50      Max altitude    min    °C    -60      Max altitude    m    3000      Resistance & Protection    m    3000	Short-circuit protection				
Fuse rating Fuse class    A    30      Standard fault    Fuse class    J      Short circuit current Fuse rating    KA    5      Fuse rating    A    70      Ambient conditions    Fuse rating    A    70      Temperature    min    °C    -50      Max altitude    min    °C    -50      Max altitude    min    °C    -60      Max altitude    m    3000		High fault			
Fuse class    J      Standard fault    Short circuit current    kA    5      Fuse rating    A    70      Ambient conditions    Value    Value    Value      Temperature    Min    °C    -50      Max altitude    min    °C    -50      Max altitude    min    °C    -60      Max altitude    m    3000					
Standard fault    Short circuit current    kA    5      Fuse rating    A    70      Ambient conditions			-	A	
Short circuit current Fuse rating    kA    5      Ambient conditions    A    70      Temperature    Verating temperature    Verating temperature      Min    °C    -50      max    °C    70      Storage temperature    min    °C    -60      max    °C    80    80      Max altitude    m    3000    800		Standard fault	FUSE CIASS		J
Fuse rating    A    70      Ambient conditions    Temperature    Image: C    -50      Operating temperature    min    °C    -50      Max    °C    70      Storage temperature    min    °C    -60      Max altitude    m    3000      Resistance & Protection    Protection    Image: C    No		Stanuaru laut	Short circuit current	kΔ	5
Ambient conditions      Temperature      Operating temperature      min    °C    -50      max    °C    70      Storage temperature    min    °C    -60      max    °C    80      Max altitude    m    3000      Resistance & Protection					
Temperature    Operating temperature      min    °C    -50      max    °C    70      Storage temperature    min    °C    -60      max    °C    80      Max altitude    m    3000      Resistance & Protection	Ambient conditions			~	
Operating temperature    min    °C    -50      max    °C    70      Storage temperature    min    °C    -60      max    °C    80      Max altitude    m    3000      Resistance & Protection					
min°C-50max°C70Storage temperaturemin°Cmin°C-60max°C80Max altitudem3000Resistance & Protection	1	Operating temperature			
max      °C      70        Storage temperature      min      °C      -60        max      °C      80        Max altitude      m      3000        Resistance & Protection      V      V			min	°C	-50
min°C-60max°C80Max altitudem3000Resistance & Protection					
max°C80Max altitudem3000Resistance & Protection		Storage temperature			
Max altitudem3000Resistance & Protection			min		
Resistance & Protection			max	°C	
				m	3000
Pollution degree 3		on			
	Pollution degree				3

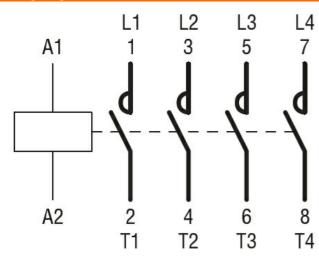
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Dimensions



Wiring diagrams



## Certifications and compliance

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	
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		AC switching