

	•	
1.	2	
-	1	

Product type designation Contact characteristics Number of poles Rated insulation voltage Ui IEC/EN Rated impulse withstand voltage Uimp Operational frequency IEC Conventional free air thermal current Ith	min	Nr. V kV	BF95 3 1000 8
Number of poles         Rated insulation voltage Ui IEC/EN         Rated impulse withstand voltage Uimp         Operational frequency         IEC Conventional free air thermal current Ith	min	V	1000
Rated insulation voltage Ui IEC/EN         Rated impulse withstand voltage Uimp         Operational frequency         IEC Conventional free air thermal current Ith	min	V	1000
Rated impulse withstand voltage Uimp         Operational frequency         IEC Conventional free air thermal current Ith	min		
Operational frequency IEC Conventional free air thermal current Ith	min	kV	8
IEC Conventional free air thermal current Ith	min		
	min		
		Hz	25
	max	Hz	400
		A	140
Operational current le			
	AC-1 (≤40°C)	Α	140
	AC-1 (≤55°C)	A	115
	AC-1 (≤70°C)	А	100
	AC-3 (≤440V ≤55°C)	А	95
	AC-4 (400V)	A	45
Rated operational power AC-3 (T≤55°C)			
	230V	kW	30
	400V	kW	55
	415V	kW	55
	440V	kW	55
	500V	kW	75
	690V	kW	90
	1000V	kW	45
Rated operational current AC-3 (T≤55°C)			
	230V	A	95
	400V	А	95
	415V	А	95
	440V	А	95
	500V	А	95
	690V	А	93
	1000V	A	33
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	140
	48V	А	140
	75V	А	100
	110V	А	10
	220V	А	_
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	≤24V	А	140
	48V	А	140
	75V	А	140
	110V	А	110
	220V	А	12

## IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series



	≤24V	А	140
	48V	А	140
	75V	А	155
	110V	А	120
	220V	А	125
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
	≤24V	А	140
	48V	A	140
	75V	A	155
	110V	A	140
	220V	A	140
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 1 poles in series	2201		110
	≤24V	А	140
	 48V	A	44
	48V 75V	A	36
	110V	A	6
	220V	A	
IFC may aureant to in DC2 DC5 with L/D < 15ma with 2 nation in parion	2200	A	_
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 2 poles in series	10 A V	•	4.40
	≤24V	A	140
	48V	A	63
	75V	Α	60
	110V	A	55
	220V	A	7
IEC max current le in DC3-DC5 with L/R $\leq$ 15ms with 3 poles in series			
	≤24V	А	140
	48V	А	115
	75V	А	90
	110V	А	85
	220V	Α	76
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 4 poles in series			
	≤24V	А	140
	48V	А	110
	75V	А	110
	110V	А	105
	220V	А	95
Short-time allowable current for 10s (IEC/EN60947-1)		А	760
Protection fuse			
	gG (IEC)	А	160
	aM (IEC)	A	100
Making capacity (RMS value)		A	1200
Breaking capacity at voltage			.200
Drouning oupdoiry at rollago	440V	А	1100
	500V	A	775
	690V	A	745
Resistance per pole (average value)	090 v	mΩ	0.45
		11122	0.40
Power dissipation per pole (average value)	141-	147	0.0
	lth	W	8.8
	AC-3	W	4.1
Tightening torque for terminals			•
	min	Nm	6
	max	Nm	7
	min	lbin	4.4
	max	lbin	5.2



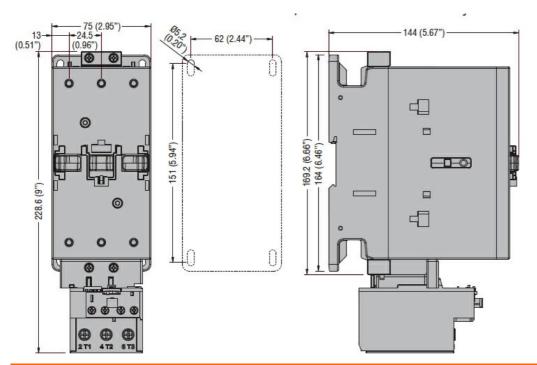
Tightening torque for a	coil terminal			
		min	Nm	0.8
		max	Nm	1
		min	lbin	0.59
		max	lbin	0.74
Conductor section				
	AWG/Kcmil			
		max		2/0
	Flexible w/o lug conductor section			
		min	mm²	1.5
		max	mm²	70
	Flexible c/w lug conductor section		_	
		min	mm²	1.5
		max	mm²	70
	ction according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				Manthe stat
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			0	2020
Auxiliary contact chara	actoristics		g	2020
Thermal current Ith			A	140
Operations			~	140
Mechanical life			cycles	15000000
Electrical life			cycles	1400000
Safety related data			0yole3	1400000
	0d according to EN/ISO 13489-1			
		rated load	cycles	1400000
		mechanical load	cycles	15000000
AC coil operating			0,0.00	
Rated AC voltage at 5	50/60Hz		V	400
AC operating voltage				
1 0 0	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			
	-	min	%Us	40
		max	%Us	55
AC average coil cons	umption at 20°C			
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	300
		holding	VA	20
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	275



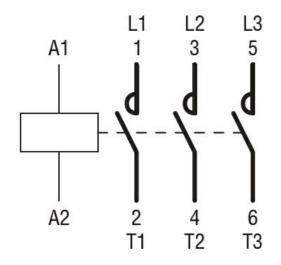
CONTACTEUR BF9500A, 3P (NO), 95A AC3, 400V 50/60HZ

of 60Hz coil powered at 60Hz         in-rush vA         VA         200           Dissipation at holding 20°C 50Hz         W         6.5           Max cycles frequency         W         6.5           Mechanical operation         cycles/h         1500           Operating times         Nerrage time for Us control         In AC           Closing NO         min         ms         16           Max         max         ms         32           Opening NO         min         ms         9           Max         max         ms         32           Opening NO         min         ms         9           Rated operational voltage AC (UL)         V         600           Yielded mechanical performance         200/208V         HP         30           200/208V         HP         30         460/480V         HP         30           200/208V         HP         30         460/480V         HP         75           General USE         Contactor         A         150           Short-circuit protection fuse, 600V         High fault         Short circuit current         KA         100           Fuse rating         A         250         Fuse class         <				holding	VA	17
holding         VA         20           Dissipation at holding s20°C 50Hz         W         6.5           Max ordes frequency         U         6.5           Mechanical operation         cycles/h         1500           Operating times         V         8.5           Average time for Us control in AC         min         ms         16           Closing NO         min         ms         32           Opening NO         min         ms         9           U         technical data         ms         24           Rated operational voltage AC (UL)         V         600         100           Yielded mechanical performance         tort three-phase AC motor         200/208V         HP         30           220/200V         HP         30         220/200V         HP         30           220/208V         HP         30         220/208V         HP         30           220/208V         HP         30         220/208V         HP         30           220/208V         HP         30         220/208V         HP         30           460/480V         HP         30         20         20         20           Exercit protection fuse		of 60Hz coil powered at 6	50Hz			
Dissipation at holding ≤20°C 50Hz W 6.5 Max cycles frequency Mechanical operation cycles/h 1500 Operating times Average time for Us control in AC Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 UL technical data Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 200 Fuse class J Standard fault Short circuit current KA 10 Fuse rating A 250 Fuse class J Standard fault Correturent Conditions Temperature Operating temperature Operating temperature Max attitude Max attitude						
Max cycles frequency         cycles/h         1500           Mechanical operation         cycles/h         1500           Operating times				holding		
Mechanical operation         cycles/h         1500           Operating times		≤20°C 50Hz			W	6.5
Operating times         Average time for Us control in AC         max         ms         16 max         ms         32           Opening NO         min         ms         32         max         ms         32           UL technical data         max         ms         9         max         ms         24           UL technical data         max         ms         24         max         ms         24           Vielded mechanical voltage AC (UL)         V         600         600         9 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Average time for Us control in AC         Closing NO         min         ms         16           Opening NO         min         ms         32           Opening NO         min         ms         9           U         total         max         ms         24           U         total         total         max         ms         24           Vielded mechanical performance for three-phase AC motor         V         600 <td></td> <td></td> <td></td> <td></td> <td>cycles/h</td> <td>1500</td>					cycles/h	1500
in AC Closing NO min ms 16 max ms 32 Opening NO min ms 9 max ms 24 UL technical data Rated operational voltage AC (UL) V 600 Yielded mechanical performance for three-phase AC motor 200/208V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 30 220/230V HP 50 30 460/480V HP 60 575/600V HP 75 General USE Contactor AC current A 150 Short-circuit protection fuse, 600V High fault Short-circuit current KA 100 Fuse class J Standard fault Short circuit current KA 100 Fuse class J Standard fault Standard fault Short circuit current KA 100 Fuse class J Standard fault Standard fault Short circuit current KA 100 Fuse class J Standard fault Standard fault Short circuit current KA 100 Fuse class K5 Ambient conditions Fuse class C Fuse						
Closing NO         min         ms         16           max         ms         32           Opening NO         min         ms         9           max         ms         24           Utechnical data           V         600           Yielded mechanical performance for three-phase AC motor         V         600           Yielded mechanical performance for three-phase AC motor         220/208V         HP         30           220/230V         HP         30         220/230V         HP         30           460/480V         HP         60         575/600V         HP         75           General USE           Contactor           AC current         A         150           Short-circuit protection fuse, 600V           High fault         Short circuit current         kA         100           Fuse rating         A         200         Fuse class         J           Standard fault         Short circuit current         kA         10           Fuse class         U         Storage temperature         RK5           max         "C         -50         S           Fuse class	Average time for Us co					
$\begin{tabular}{ c c c c } \hline & & & & & & & & & & & & & & & & & & $						
max         max         ms         32           Opening NO         min         ms         9           max         ms         24           UL technical data         v         600           Rated operational voltage AC (UL)         v         600           Yielded mechanical performance for three-phase AC motor         200/280V         HP         30           220/230V         HP         30         460/480V         HP         60           220/230V         HP         30         460/480V         HP         60           200/230V         HP         75         6         6         575/600V         HP         75           General USE         Contactor         AC current         A         150           Short-circuit protection fuse, 600V         High fault         Short circuit current         KA         100           Fuse rating         A         200         Fuse class         J         50           Standard fault         Short circuit current         KA         10         Fuse class         K5           Ambient conditions         K5         K5         70         50         70         50           Storage temperature         min		C	Closing NO			
Opening NO         min         ms         9           UL technical data         max         ms         24           Rated operational voltage AC (UL)         V         600           Yielded mechanical performance for three-phase AC motor         200/208V         HP         30           220/230V         HP         30         220/230V         HP         30           220/230V         HP         30         220/230V         HP         60           Standard Solution         200/208V         HP         30         220/230V         HP         30           General USE         200/208V         HP         75         50         50         50           General USE         Contactor         AC current         A         150         50           Short-circuit protection fuse, 600V         High fault         Short circuit current         KA         100         Fuse class         J           Standard fault         Short circuit current         KA         10         Fuse class         J           Ambient conditions         KS         KS         KS         KS           Ambient conditions         KS         KS         KS         KS           Ambient conditions <t< td=""><td></td><td></td><td></td><td>min</td><td>ms</td><td></td></t<>				min	ms	
min         ms         9           UL technical data         max         ms         24           Rated operational voltage AC (UL)         V         600           Yielded mechanical performance         for three-phase AC motor         200/208V         HP         30           220/230V         HP         30         220/230V         HP         30           220/230V         HP         30         460/480V         HP         60           575/600V         HP         75         5         5           General USE         Contactor         A         150           Short-circuit protection fuse, 600V         High fault         KA         100           Fuse rating         A         200         Fuse class         J           Standard fault         Short circuit current         kA         10           Fuse class         J         Standard fault         KA         10           Fuse class         J         Standard fault         KA         10           Fuse class         J         Standard fault         Standard fault         Temperature           Operating temperature         min         °C         50         70           Storage temperature				max	ms	32
max         ms         24           Rated operational voltage AC (UL)         V         600           Yielded mechanical performance for three-phase AC motor         200/208V         HP         30           220/2030V         HP         30         220/208V         HP         30           460/480V         HP         60         575/600V         HP         75           General USE         Contactor         AC current         A         150           Short-circuit protection fuse, 600V         High fault         Short circuit current         KA         100           Fuse rating         A         200         Fuse class         J           Standard fault         Short circuit current         KA         10           Fuse class         J         Standard fault         RK5           Ambient conditions         Fuse class         J         Standard fault           Short circuit current         KA         10         Fuse class         RK5           Ambient conditions         Fuse class         RK5         Standard fault         Storage temperature         Fuse class         RK5           Ambient conditions         Temperature         min         °C         -50         -50		C	Opening NO			
UL technical data         V         600           Rated operational voltage AC (UL)         V         600           Yielded mechanical performance for three-phase AC motor         200/208V         HP         30           220/230V         HP         30         220/230V         HP         30           220/230V         HP         30         220/230V         HP         30           200/208V         HP         60         575/600V         HP         60           575/600V         HP         75         50         50         50           Short-circuit protection fuse, 600V         High fault         Short circuit current         kA         100           Fuse rating         A         200         Fuse class         J         51           Standard fault         Short circuit current         kA         10         Fuse class         RK5           Ambient conditions         C         70         50         7						
Rated operational voltage AC (UL)         V         600           Yielded mechanical performance for three-phase AC motor         200/208V         HP         30           220/230V         HP         30         220/230V         HP         30           220/230V         HP         30         460/480V         HP         60           General USE         575/600V         HP         75           General USE         Contactor         A         150           Short-circuit protection fuse, 600V         High fault         Short circuit current         KA         100           Fuse rating         A         200         Fuse rating         A         200           Standard fault         Short circuit current         KA         10         Fuse rating         A         250           Fuse class         J         Standard fault         Short circuit current         kA         10           Fuse class         RK5         KK5         KK5         KK5         KK5           Ambient conditions         min         °C         -50         max         °C         70           Storage temperature         min         °C         -50         max         °C         70           Ma	Literature and the last of			max	ms	24
Yielded mechanical performance for three-phase AC motor       200/208V       HP       30         220/230V       HP       30         460/480V       HP       60         575/600V       HP       75         General USE       Contactor       AC current       A       150         Short-circuit protection fuse, 600V       High fault       Short circuit current       kA       100         Fuse rating       A       200       Fuse rating       A       200         Short-circuit protection fuse, 600V       High fault       Short circuit current       kA       100         Fuse rating       A       200       Fuse class       J       J         Standard fault       Short circuit current       kA       10       Fuse class       RK5         Ambient conditions       Temperature       Min       °C       -50       nmax       °C       70         Storage temperature       min       °C       -50       nmax       °C       -60       nmax       °C       -60       nmax       °C       +80         Max altitude       m       3000       m       3000       3000       3000       3000       3000       3000       3000       3000 </td <td></td> <td></td> <td></td> <td></td> <td>N/</td> <td>600</td>					N/	600
for three-phase AC motor         200/208V         HP         30           220/230V         HP         30           220/230V         HP         30           460/480V         HP         60           575/600V         HP         75           General USE         Contactor         AC current         A         150           Short-circuit protection fuse, 600V         High fault         KA         100           Fuse rating         A         200         Fuse rating         A         200           Standard fault         Short circuit current         KA         10         Fuse rating         A         250           Fuse class         J         Standard fault         Short circuit current         KA         10           Fuse class         RK5         A         250         E           Ambient conditions         RK5         A         250         E           Temperature         Operating temperature         min         °C         -50           max         °C         70         Storage temperature         -50         -60           Max attitude         min         °C         -60         -60         -60					V	600
200/208V         HP         30           220/230V         HP         30           220/230V         HP         30           460/480V         HP         60           575/600V         HP         75           General USE         Contactor         AC current         A         150           Short-circuit protection fuse, 600V         High fault         Short circuit current         kA         100           Fuse class         J         Standard fault         Short circuit current         kA         100           Fuse class         J         Standard fault         Short circuit current         kA         10           Fuse class         J         Standard fault         Short circuit current         kA         10           Fuse class         J         Standard fault         Short circuit current         kA         10           Fuse class         RK5         Standard fault         Standard fault         Standard fault         C         6           Mabient conditions         T         T         T         T         T           Generat conditions         T         T         T         T           Storage temperature         min         °C         70 <td>Yielded mechanical pe</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Yielded mechanical pe					
220/230V         HP         30           460/480V         HP         60           575/600V         HP         75           General USE         Contactor         AC current         A         150           Short-circuit protection fuse, 600V         High fault         A         100           Fuse rating         A         200         Fuse rating         A         200           Standard fault         Short circuit current         kA         10         Fuse rating         A         250           Ambient conditions         KK5         KK5         KK5         KK5         KK5           Ambient conditions         C         -70         C         -70           Temperature         Operating temperature         min         °C         -70           Storage temperature         min         °C         -60         -60           Max attitude         m         3000         -60         -60         -60		for three-phase AC motor	r	000/000/		0.0
460/480V         HP         60           General USE         Contactor         HP         75           Short-circuit protection fuse, 600V         AC current         A         150           Short-circuit protection fuse, 600V         High fault         KA         100           Fuse rating         A         200         Fuse rating         A         200           Fuse class         J         J         J         J         J           Standard fault         Short circuit current         KA         10         Fuse rating         A         250           Fuse rating         A         250         Fuse rating         A         250           Fuse rating         A         250         Fuse class         KK5           Ambient conditions         KK5         KK5         KK5           Ambient conditions         C         -50         max           Temperature         View class         KK5         -50           Max attitude         min         °C         -50						
575/600V         HP         75           General USE         Contactor         AC current         A         150           Short-circuit protection fuse, 600V         High fault         AC current         KA         100           Fuse rating         A         200         Fuse rating         A         200           Fuse rating         A         200         Fuse rating         A         200           Standard fault         Short circuit current         KA         10         Fuse rating         A         250           Ambient conditions         Fuse rating         A         250         Fuse class         RK5           Ambient conditions         Fuse rating         A         250         Fuse class         RK5           Ambient conditions         Fuse rating         A         250         Fuse class         RK5           Ambient conditions         Fuse class         RK5         Fuse class         RK5           Ambient conditions         Fuse class         RK5         Fuse class         RK5           Ambient conditions         Fuse class         Fuse class         RK5         Fuse class         RK5           Ambient conditions         Fuse class         C         70         Fuse						
General USE         AC current       A       150         Short-circuit protection fuse, 600V         High fault       Short circuit current       KA       100         Fuse rating       A       200         Fuse class       J         Standard fault       Short circuit current       KA       10         Fuse class       J       J         A 200         Fuse class       J         Standard fault       Short circuit current       KA       10         Fuse class       RK5         Ambient conditions       RK5         Temperature       Operating temperature       min       °C       -50         Max altitude       min       °C       -60       max       °C       +80						
AC currentA150Short-circuit protection fuse, 600V High faultShort circuit currentKA100 Fuse ratingA200 Fuse classJStandard faultShort circuit currentKA10 Fuse classJStandard faultShort circuit currentKA10 Fuse class10 Fuse classA250 Fuse classKSAmbient conditionsKSKSTemperatureOperating temperaturemin°C-50 maxOperating temperaturemin°C-60 max°CMax altitudem3000Max altitudem				575/600V	HP	75
AC currentA150Short-circuit protection fuse, 600V High faultShort circuit current Fuse rating RA100 AFuse rating Fuse classA200 Fuse classJStandard faultShort circuit current Fuse rating RKA10 AStandard faultShort circuit current Fuse rating RKA10 AFuse rating Fuse classA250 Fuse classRK5Ambient conditionsFuse rating Fuse classA250 Fuse classTemperatureMin C°C-50 max °C70Storage temperaturemin max °C°C-60 max rax °C+80Max altitudem3000	General USE	_				
Short-circuit protection fuse, 600V       High fault         High fault       Short circuit current       kA       100         Fuse rating       A       200         Fuse class       J         Standard fault       Short circuit current       kA       10         Fuse class       J         Standard fault       Short circuit current       kA       10         Fuse rating       A       250         Fuse class       RK5         Ambient conditions       Temperature       Min       °C       -50         Max altitude       min       °C       -60       -60         Max altitude       m       3000       -800		Contactor				
High faultShort circuit current Fuse rating Fuse classKA100Fuse classJStandard faultShort circuit current Fuse rating Fuse classKA10Fuse rating Fuse classA250Fuse classRK5Ambient conditionsFuse classRK5TemperatureOperating temperaturemin°C-50max°C70Storage temperaturemin°C-60Max altitudem3000-60	<u></u>			AC current	A	150
Short circuit currentkA100Fuse ratingA200Fuse classJStandard faultShort circuit currentkA10Fuse ratingA250Fuse classRK5Ambient conditionsFuse classRK5Temperature-Operating temperaturemin°C-50max°C70-Storage temperaturemin°C-60Max altitudem3000-	Short-circuit protection					
Fuse rating Fuse classA200 Fuse classStandard faultShort circuit current Fuse rating Fuse classkA10 AFuse rating Fuse classA250 Fuse classRK5Ambient conditionsFuse classRK5Coperating temperaturemin C-50 max°CStorage temperaturemin Max altitude°C-60 maxMax altitudem3000-60		High fault				
Fuse class       J         Standard fault       Short circuit current       kA       10         Fuse rating       A       250         Fuse class       RK5         Ambient conditions       RK5         Temperature       0         Operating temperature       min       °C         Max altitude       min       °C       -60         Max altitude       m       3000						
Standard fault       Short circuit current       kA       10         Fuse rating       A       250         Fuse class       RK5         Ambient conditions       RK5         Temperature       0         Operating temperature       min       °C         Max altitude       min       °C       +80         Max altitude       m       3000				Ŭ	А	200
Short circuit current Fuse rating Fuse classkA10Fuse rating Fuse classA250Ambient conditionsRK5Ambient conditions				Fuse class		J
Fuse rating Fuse classA250 RK5Ambient conditionsRK5TemperatureOperating temperaturemin°C-50 max°CStorage temperaturemin°C-60 max°CMax altitudemMax altitudem		Standard fault				
Fuse class       RK5         Ambient conditions						
Ambient conditions         Temperature         Operating temperature         min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       +80         Max altitude       m       3000				-	А	
Temperature       Operating temperature         min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       +80         Max altitude       m       3000				Fuse class		RK5
Operating temperature       min       °C       -50         max       °C       70         Storage temperature       min       °C       -60         max       °C       +80         Max altitude       m       3000						
min         °C         -50           max         °C         70           Storage temperature         min         °C         -60           max         °C         +80           Max altitude         m         3000	Temperature					
max         °C         70           Storage temperature         min         °C         -60           max         °C         +80           Max altitude         m         3000		Operating temperature				
Storage temperature       min       °C       -60         max       °C       +80         Max altitude       m       3000				min		
min         °C         -60           max         °C         +80           Max altitude         m         3000				max	°C	70
max         °C         +80           Max altitude         m         3000		Storage temperature				
Max altitude m 3000				min	°C	-60
				max	°C	+80
Dimensions					m	3000
	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		
	202	
	cULus	
ETIM classificatio	n	
ETIM 8.0		EC000066 - Power contactor, AC switching