



Product type designation BF12 Contact characteristics	Product designation			Power contactor
Contact characteristicsNumber of polesNr.3Rated insulation voltage UI IEC/ENV690Rated insulation voltage UI IEC/ENKV6Operational frequencyminHz25maxHz40012IEC Conventional frequencyA28Operational current leAC-1 (≤40°C)A28Operational current leAC-1 (≤55°C)A20AC-1 (≤55°C)A20AC-1 (≤40°C)A21AC-1 (≤40°C)A20AC-1 (≤40°C)A23AC-1 (≤40°C)A23AC-1 (≤40°C)A23Ac-4 (400V)A12AC-4 (400V)A12Ac-4 (400V)KW5.5500VKW5.5S00VkW5.5500VkW5Rated operational power AC-1 (T≤40°C)230VkW10400VkW5.5500VkW23EC max current le in DC1 with L/R ≤ 1ms with 1 poles in seriesS24VA1748VA1575VA13110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in seriesS24VA2048VA2075VA18110VA13220VA1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in seriesS24VA2048VA2075VA18 </td <td></td> <td></td> <td></td> <td></td>				
Rated insulation voltage U IEC/ENV690Rated inpulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC conventional frequencyA28Operational current leAC-1 (≤40°C)A28Operational current leAC-1 (≤55°C)A23AC-1 (≤55°C)A20AC-3 (≤440∨ S55°C)A20AC-3 (≤440∨ S55°C)A20AC-4 (400∨)A7.9Rated operational power AC-3 (T≤55°C)230∨kW3.2400∨kW5.5S00∨kW5.5500∨kW5.5500∨kW5.5Rated operational power AC-1 (T≤40°C)230∨kW10400∨kW23Genov kW5.5500∨kW23690∨kW23IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24∨A1748∨A15TSVA13110∨A6220∨A1IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24∨A2048∨A20TSVA18110∨A13220∨A1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24∨A2048∨A20IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series≤24∨A2248∨A22IEC max current le in DC1 with L/R ≤ 1ms with 3 po				
Rated impulse withstand voltage Ump kV 6 Operational frequency min Hz 400 IEC Conventional free air thermal current lth A 28 Operational current le AC-1 (\$40°C) A 28 AC-1 (\$40°C) A 28 AC-1 (\$55°C) A 20 AC-3 (\$440V \$55°C) A 20 AC-3 (\$440V \$55°C) A 12 AC-4 (400V) A 7.9 Rated operational power AC-3 (T≤55°C) 230V kW 3.2 Rated operational power AC-3 (T≤55°C) 230V kW 5.7 500V kW 5.5 S00V kW 5.5 500V kW 5 690V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 10 400V kW 18 S00V kW 23 690V kW 32 110V A 6 220V A - 12 IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \$24V A 10	Number of poles		Nr.	3
Rated impulse withstand voltage Ump kV 6 Operational frequency min Hz 400 IEC Conventional free air thermal current lth A 28 Operational current le AC-1 (\$40°C) A 28 AC-1 (\$40°C) A 28 AC-1 (\$55°C) A 20 AC-3 (\$440V \$55°C) A 20 AC-3 (\$440V \$55°C) A 12 AC-4 (400V) A 7.9 Rated operational power AC-3 (T≤55°C) 230V kW 3.2 Rated operational power AC-3 (T≤55°C) 230V kW 5.7 500V kW 5.5 S00V kW 5.5 500V kW 5 690V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 10 400V kW 18 S00V kW 23 690V kW 32 110V A 6 220V A - 12 IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \$24V A 10			V	690
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			kV	6
max Hz 400 IEC conventional free air thermal current lth A 28 Operational current le AC-1 (st0°C) A 28 AC-1 (st0°C) A 28 AC-1 (st0°C) A 28 AC-1 (st0°C) A 28 AC-1 (st0°C) A 28 AC-1 (st0°C) A 20 AC-3 (st0°C) A 12 AC-3 (st40V \$t55°C) A 12 AC-4 (400V) A 7.9 Rated operational power AC-3 (T≤55°C) 230V kW 5.5 500V kW 5.5 500V kW 5.5 500V kW 5 690V kW 10 400V kW 10 400V kW 10 400V kW 12 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 15 75V A 13 110V A 6 220V A - 16 EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	Operational frequency			
IEC Conventional free air thermal current lthA28Operational current leAC-1 (≤40°C)A28AC-1 (≤55°C)A23AC-1 (≤70°C)A20AC-3 (≤440V ≤55°C)A12AC-4 (400V)A7.9Rated operational power AC-3 (T≤55°C)230VkW3.2400VkW5.7415VkW6.2440VkW5.5500VkW5Rated operational power AC-1 (T≤40°C)230VkW8500VkW5Rated operational power AC-1 (T≤40°C)230VkW1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series524VA220VA11EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series524VA220VA2048VA2075VA18110VA13220VA11EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA220VA11EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA220VA11EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA220VA11EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA220VA11EC max current le in DC1 with L/R ≤ 1ms with 3 poles in series524VA220VA <td< td=""><td></td><td>min</td><td>Hz</td><td>25</td></td<>		min	Hz	25
Operational current le AC-1 (≤40°C) A 28 AC-1 (≤55°C) A 23 AC-1 (≤70°C) A 20 AC-3 (≤440V <55°C)		max	Hz	400
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC Conventional free air thermal current Ith		А	28
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Operational current le			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-1 (≤40°C)	А	28
AC-3 (st400 [×] ≤55°C) A 12 AC-4 (400V) A 7.9 Rated operational power AC-3 (T≤55°C) 230V kW 3.2 400V kW 5.7 415V kW 6.2 440V kW 5.5 500V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 10 400V kW 10 400V kW 18 500V kW 10 400V kW 23 690V kW 18 500V kW 23 690V kW 15 75V A 13 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 20 48V A 12 75V A 13 110V A 13 110V A 13 220V A 1 1 1 1 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V		AC-1 (≤55°C)	А	23
AC-4 (400V) A 7.9 Rated operational power AC-3 (T≤55°C) 230V kW 3.2 400V kW 5.7 415V kW 6.2 440V kW 5.5 500V kW 5 Rated operational power AC-1 (T≤40°C) 230V kW 10 400V kW 10 400V kW 18 500V kW 23 23 23 23 23 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 17 48V A 15 75V A 13 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series \$24V A 17 48V A 20 75V A 18 110V A 6 220V A 1 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series \$24V A 20 75V A 13 220V A 1 1 1 1 2			А	20
Rated operational power AC-3 (T≤55°C) 230V kW 3.2 400V kW 5.7 415V kW 6.2 440V kW 5.5 500V kW 5 690V kW 10 400V kW 10 400V kW 10 400V kW 18 500V kW 23 690V kW 32 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 17 48V A 15 75V A 13 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 20 75V A 18 110V A 13 220V A 1 1 1 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 20 75V A 18 1 1		. , , ,	А	12
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	Α	7.9
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC-3 (T≤55°C)			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
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$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
Rated operational power AC-1 (T≤40°C) $230V$ kW10 $400V$ kW18 $500V$ kW23 $690V$ kW32IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A17 $48V$ A1575VA13 $110V$ A6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A20 $48V$ A2075VA18 $110V$ A13220VA1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A20 $75V$ A13220VA1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A22 $48V$ A2248VA22 $75V$ A20248VA22 $48V$ A2275VA20				
$ \begin{array}{c cccc} & 230 & k & 10 \\ & 400 & k & 18 \\ & 500 & k & 23 \\ \hline 690 & k & 32 \\ \hline \end{tabular} \end{tabular} \\ \hline \end{tabular} \end{tabular} \\ \hline \end{tabular} \end{tabular} \\ \hline \end{tabular} \end{tabular} \end{tabular} \end{tabular} \\ \hline \end{tabular} \end{tabular} \end{tabular} \\ \hline \end{tabular} \end{tabular} \end{tabular} \\ \hline \end{tabular} ta$		690V	kVV	5
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Rated operational power AC-1 (I≤40°C)	0001/		4.0
$\begin{tabular}{ c c c c c } \hline $500V & kW & 23 \\ \hline $690V & kW & 32 \end{tabular}$ $\begin{tabular}{ c c c c } \hline EC max current le in DC1 with L/R \leq 1ms with 1 poles in series \\ \hline $224V & A & 17 \\ \hline $48V & A & 15 \\ $75V & A & 13 \\ $110V & A & 6 \\ $220V & A & - \end{tabular}$ $\begin{tabular}{ c c } \hline EC max current le in DC1 with L/R \leq 1ms with 2 poles in series \\ \hline $224V & A & 20 \\ $48V & A & 20 \\ $75V & A & 18 \\ $110V & A & 13 \\ $220V & A & 1 \end{tabular}$ $\begin{tabular}{ c c } \hline EC max current le in DC1 with L/R \leq 1ms with 3 poles in series \\ \hline $110V & A & 13 \\ $220V & A & 1 \end{tabular}$ $\begin{tabular}{ c c } \hline EC max current le in DC1 with L/R \leq 1ms with 3 poles in series \\ \hline $110V & A & 13 \\ $220V & A & 1 \end{tabular}$ $\begin{tabular}{ c c } \hline EC max current le in DC1 with L/R \leq 1ms with 3 poles in series \\ \hline $24V & A & 22 \\ $48V & A & 22 \\ $75V & A & 20 \end{tabular}$				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC1 with L/R < 1ms with 1 poles in series				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IFC may summant to in DC4 with 1/D < 4 may with 4 males in series	690 V	KVV	32
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	The current is in DCT with $L/R \leq 100$ with 1 poiss in series	<241/	٨	47
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c cccc} & 110 & A & 6 \\ 220 & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} \\ & \leq 24 & A & 20 \\ & 48 & A & 20 \\ & 48 & A & 20 \\ & 75 & A & 18 \\ & 110 & A & 13 \\ & 220 & A & 1 \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 3 poles in series} \\ & \leq 24 & A & 22 \\ & 48 & A & 22 \\ & 48 & A & 22 \\ & 75 & A & 20 \\ \hline \mbox{Weight on C1 with L/R \le 1ms with 3 poles in series} \\ & \leq 24 & A & 22 \\ & 48 & A & 22 \\ & 75 & A & 20 \\ \hline \mbox{Weight on C1 with L/R \le 1ms with 3 poles in series} \\ \end{array}$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series $\leq 24V$ A20 $48V$ A20 $75V$ A18 $110V$ A13 $220V$ A1IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\leq 24V$ A22 $48V$ A22 $48V$ A22 $75V$ A20				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IFC max current le in DC1 with L/R < 1ms with 2 poles in series	2201	Λ	
$ \begin{array}{cccc} 48 \mbox{V} & \mbox{A} & 20 \\ 75 \mbox{V} & \mbox{A} & 18 \\ 110 \mbox{V} & \mbox{A} & 13 \\ 220 \mbox{V} & \mbox{A} & 1 \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 3 poles in series} \\ \hline \label{eq:IEC} \begin{array}{cccc} \le 24 \mbox{V} & \mbox{A} & 22 \\ 48 \mbox{V} & \mbox{A} & 22 \\ 75 \mbox{V} & \mbox{A} & 20 \end{array} $		<24\/	Δ	20
$\begin{array}{ccccc} 75 & A & 18 \\ 110 & A & 13 \\ 220 & A & 1 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c cccc} 110 V & A & 13\\ 220 V & A & 1 \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\leq 24V$ A2248VA2275VA20				
≤24V A 22 48V A 22 75V A 20	IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series	V		-
48V A 22 75V A 20		≤24V	А	22
75V A 20				



BF1210A04860 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, AC COIL 60HZ,

48VAC, 1NO AUXILIARY CONTACT 220V А 11 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V А 20 48V 20 А 75V А 20

	75V	A	20	
	110V	А	16	
	220V	А	12	
IEC max current le in DC3-DC5 with $L/R \le 15$ ms with 1 poles in series				
	≤24V	А	12	
	48V	А	11	
	75V	A	10	
	110V	A	2	
	220V	A	_	
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series				
	≤24V	А	15	
	48V	A	13	
	48 V 75 V	A	12	
	110V			
		A	8	
	220V	A	2	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series		_	10	
	≤24V	Α	18	
	48V	А	18	
	75V	A	15	
	110V	А	12	
	220V	Α	6	
IEC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series				
	≤24V	А	15	
	48V	А	15	
	75V	А	15	
	110V	А	16	
	220V	А	7	
Short-time allowable current for 10s (IEC/EN60947-1)		А	150	
Protection fuse				
	gG (IEC)	А	32	
	aM (IEC)	A	12	
Making capacity (RMS value)		A	120	
Breaking capacity at voltage		A	120	
Dreaking capacity at voltage	4.401/			
	440V	A	96 00	
	500V	A	96	
	690V	<u>A</u>	94	
Resistance per pole (average value)		mΩ	2.5	
Power dissipation per pole (average value)				
	Ith	W	2	
	AC-3	W	0.4	
Tightening torque for terminals				
	min	Nm	1.5	
	max	Nm	1.8	
	min	Ibin	1.1	
	max	Ibin	1.5	
Tightening torque for coil terminal				
	min	Nm	0.8	
	max	Nm	1	
			1	

Ibin

min

0.8



BF1210A04860 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, AC COIL 60HZ, 48VAC, 1NO AUXILIARY CONTACT

max min max min max min max	Nr. mm² mm² mm² mm² mm²	2 10 1 6 1 4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354 10
min max min max min max	mm² mm² mm² mm²	1 6 1 4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
min max min max min max	mm² mm² mm² mm²	1 6 1 4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
min max min max min max	mm² mm² mm² mm²	1 6 1 4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
max min max min max	mm² mm² mm² mm²	6 1 4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
max min max min max	mm² mm² mm² mm²	6 1 4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
min max min max	mm² mm² mm²	1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
max min max normal allowable	mm² mm² mm²	4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
max min max	mm² mm² mm²	4 1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
min max normal allowable	mm² mm²	1 4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
max normal allowable	mm² g	4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
max normal allowable	mm² g	4 IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
normal allowable	g	IP20 when properly wired Vertical plan ±30° Screw / DIN rai 35mm 354
allowable		vertical plan ±30° Screw / DIN rai 35mm 354
allowable		Vertical plan ±30° Screw / DIN rai 35mm 354
allowable		±30° Screw / DIN rai 35mm 354
allowable		±30° Screw / DIN rai 35mm 354
allowable		±30° Screw / DIN rai 35mm 354
max		35mm 354
max		35mm 354
max		
max		10
max	•	10
max	•	10
	٨	
	۸	
	A	10
		A600 - P600
230V	А	3
400V	А	1.9
500V	А	1.4
110V	А	5.7
24V	А	5.7
48V	А	2.9
60V	А	2.3
110V	А	1.25
125V	А	1.1
220V	А	0.55
600V	А	0.2
	cycles	2000000
	cycles	2000000
rated load	cycles	2000000
chanical load	cycles	2000000
		yes
		yes
	400V 500V 110V 24V 48V 60V 110V 125V 220V 600V	400V A 500V A 110V A 24V A 48V A 60V A 110V A 220V A 600V A 220V A 600V A 220V A 600V A 220V A 600V A cycles cycles rated load cycles



BF1210A04860 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, AC COIL 60HZ,

48VAC, 1NO AUXILIARY CONTACT

AC operating voltage	at 60Hz		V	48
	of 60Hz coil powered at 60Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
AC average coil co	nsumption at 20°C			
	of 60Hz coil powered at 60Hz			
		in-rush	VA	75
		holding	VA	9
Dissipation at holdi	ng ≤20°C 50Hz		W	2.5
Max cycles frequer	су			
Mechanical operation	วท		cycles/h	3600
Operating times				
Average time for U	s control			
	in AC			
	Closing NO			
	č	min	ms	8
		max	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	18
UL technical data				
	LA) for three-phase AC motor			
Υ.	, i	at 480V	А	11
		at 600V	A	11
Yielded mechanica	performance			
	for single-phase AC motor			
		110/120V	HP	1
		230V	HP	2
	for three-phase AC motor	2001		-
		200/208V	HP	5
				5
		220/230V	HP	5 7 5
		220/230V 460/480V	HP HP	7.5
General LISE		220/230V	HP	
General USE	Contactor	220/230V 460/480V	HP HP	7.5
General USE	Contactor	220/230V 460/480V 575/600V	HP HP HP	7.5 10
General USE		220/230V 460/480V	HP HP	7.5
General USE	Contactor Auxiliary contacts	220/230V 460/480V 575/600V AC current	HP HP HP	7.5 10 28
General USE		220/230V 460/480V 575/600V AC current AC voltage	HP HP HP A	7.5 10 28 600
General USE		220/230V 460/480V 575/600V AC current AC voltage AC current	HP HP A	7.5 10 28 600 10
General USE		220/230V 460/480V 575/600V AC current AC voltage AC current DC voltage	HP HP A A V A V	7.5 10 28 600 10 250
General USE Short-circuit protec	Auxiliary contacts	220/230V 460/480V 575/600V AC current AC voltage AC current	HP HP A	7.5 10 28 600 10



BF1210A04860 THREE-F

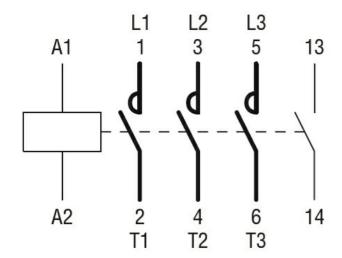
-POLE CONTACTOR, IEC OPERA	ATING CURRENT IE (A 48VAC, 1	,	,	,	
	Short circuit current	kA	100		

	Short circuit current	kA	100
	Fuse rating	А	30
	Fuse class		J
Standard fault			
	Short circuit current	kA	5
	Fuse rating	А	70
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		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			

_____45 (1.77") 6.2 80.7 (3.18") 10.9 (0.24") 0.43" 0 C (2.79") <u>81</u> (3.19" 126 Œ С 0 ____35 (1.38") RF...38 68 81.2 (3.20") 7.9 - (0.31") -14.6 (0.57")

Wiring diagrams





Certifications and compliance

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
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching