

$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Product designation			Power contactor
Number of poles         nr.         3           Rated insulation voltage Ui IEC/EN         V         690           Rated insulation voltage Uimp         KV         6           Operational frequency         min         Hz         25           max         Hz         400         6           Conventional free air thermal current lth IEC/EN         A         56           Operational current le         AC-1 (≤40°C)         A         56           AC-3 (≤440V ≤55°C)         A         38         AC-4 (400V)         A         15.5           Rated operational power AC-1 (T≤40°C)         230V         kW         21         400V         400V         400V         400V         400V         400         400V	Product type designation			BF38
Rated insulation voltage Ui IEC/EN         V         690           Rated impulse withstand voltage Uimp         KV         6           Operational frequency         min         Hz         25           max         HZ         400         Conventional frequency         A         56           Operational current Ie         AC-1 (\$40°C)         A         56         AC-3 (\$4400 × 555°C)         A         38           Rated operational power AC-1 (T≤40°C)         230V         kW         21         400V         kW         36           Story         230V         kW         21         400V         kW         36           Story         230V         kW         45         690V         kW         62           Rated operational power AC-3 (T≤55°C)         230V         kW         11         400V         kW         18.5           415V         kW         18.5         440V         kW         18.5           90V         kW         18.5         440V         kW         18.5           440V         kW         18.5         440V         kW         18.5           90V         kW         18.5         440V         kW         20           9	Contact characteristics			
Rated impulse withstand voltage Uimp         kV         6           Operational frequency         min         Hz         25           max         Hz         400         400           Conventional free air thermal current lth IEC/EN         A         56           Operational current le         AC-1 (s40°C)         A         56           AC-3 (s440V ≤55°C)         A         38         AC-4 (400V)         A         15.5           Rated operational power AC-1 (T≤40°C)         230V         kW         21         400V         kW         36           Souv         kW         21         400V         kW         36         500V         kW         42           Rated operational power AC-3 (T≤55°C)         230V         kW         11         400V         kW         18.5           Souv         kW         18.5         500V         kW         18.5           Protection fuse         gG (IEC)         A         63         add (IEC)         A         320           Protection fuse         gG (IEC)         A         63         add (IEC)         A         40           Making capacity (RMS value)         A         380         Breaking capacity (RMS value)         A         304 </td <td>Number of poles</td> <td></td> <td>nr.</td> <td>3</td>	Number of poles		nr.	3
Operational frequency         min         Hz         25           max         Hz         400           Conventional free air thermal current lth IEC/EN         A         56           Operational current le         AC-1 (≤40°C)         A         56           AC-3 (≤440V ≤55°C)         A         38         AC-4 (400V)         A         15.5           Rated operational power AC-1 (T≤40°C)         230V         kW         21         400V         kW         36           Source         230V         kW         21         400V         kW         36           Rated operational power AC-1 (T≤40°C)         230V         kW         21         400V         kW         36           Source         230V         kW         11         400V         kW         18.5           Rated operational power AC-3 (T≤55°C)         230V         kW         18.5         440V         kW         18.5           Source         690V         kW         22         Short-time allowable current for 10s (IEC/EN60947-1)         A         320         Protection fuse         GG (IEC)         A         63           Breaking capacity (RMS value)         A         304         500V         A         304         500V	Rated insulation voltage Ui IEC/EN		V	690
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Rated impulse withstand voltage Uimp		kV	6
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Operational frequency			
Conventional free air thermal current lth IEC/EN         A         56           Operational current le         AC-1 (≤40°C)         A         56           AC-3 (≤440V ≤55°C)         A         38           AC-4 (400V)         A         15.5           Rated operational power AC-1 (T≤40°C)         230V         kW         21           400V         kW         21         400V         kW         26           Stated operational power AC-1 (T≤40°C)         230V         kW         21         400V         kW         26           Rated operational power AC-3 (T≤55°C)         230V         kW         11         400V         kW         18.5           415V         kW         18.5         440V         kW         18.5           90V         kW         18.5         500V         kW         22           Short-time allowable current for 10s (IEC/EN60947-1)         A         320         Protection fuse         gG (IEC)         A         63           alking capacity (RMS value)         A         380         Breaking capacity at voltage         440V         A         304           500V         A         240         690V         A         192           Resistance per pole (average value)<		min	Hz	25
Operational current le         AC-1 (≤40°C)         A         56           AC-3 (≤440V ≤55°C)         A         38           AC-4 (400V)         A         15.5           Rated operational power AC-1 (T≤40°C)         230V         kW         21           400V         kW         21         400V         kW         21           400V         kW         21         400V         kW         36           500V         kW         45         690V         kW         62           Rated operational power AC-3 (T≤55°C)         230V         kW         11         400V         kW         18.5           415V         kW         18.5         415V         kW         18.5           440V         kW         18.5         500V         kW         22           Short-time allowable current for 10s (IEC/EN60947-1)         A         320         Protection fuse         GG (IEC)         A         63           adM (IEC)         A         40         A         380         Breaking capacity (RMS value)         A         380           Breaking capacity at voltage         440V         A         304         500V         A         240           690V         A <td></td> <td>max</td> <td>Hz</td> <td>400</td>		max	Hz	400
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Conventional free air thermal current Ith IEC/EN		А	56
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Operational current le			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			А	56
Rated operational power AC-1 (T≤40°C)       230V       kW       21         400V       kW       36       500V       kW       36         Solv       kW       45       690V       kW       62         Rated operational power AC-3 (T≤55°C)       230V       kW       11       400V       kW       18.5         415V       kW       18.5       440V       kW       18.5       500V       kW       22         Short-time allowable current for 10s (IEC/EN60947-1)       A       320       22       230V       kW       20       230V       kW       20       230V       kW       20       230V       kW       22       230V       kW       20		AC-3 (≤440V ≤55°C)	А	38
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	Α	15.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Rated operational power AC-1 (T≤40°C)			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		230V	kW	21
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		400V	kW	36
Rated operational power AC-3 (T≤55°C)       230V       kW       11         400V       kW       18.5         415V       kW       18.5         440V       kW       18.5         500V       kW       20         690V       kW       22         Short-time allowable current for 10s (IEC/EN60947-1)       A       320         Protection fuse       gG (IEC)       A       63         Making capacity (RMS value)       A       380         Breaking capacity at voltage       440V       A       304         500V       A       240       690V       A       12         Power dissipation per pole (average value)       mΩ       2       2         Power dissipation per pole (average value)       mΩ       2       2         Ith       W       6       AC3       W       2.9         Tightening torque for terminals       min       Nm       3		500V	kW	45
230V       kW       11         400V       kW       18.5         415V       kW       18.5         440V       kW       18.5         440V       kW       18.5         500V       kW       20         690V       kW       22         Short-time allowable current for 10s (IEC/EN60947-1)       A       320         Protection fuse       gG (IEC)       A       63         aM (IEC)       A       40       40         Making capacity (RMS value)       A       380         Breaking capacity at voltage       440V       A       304         500V       A       240         690V       A       192         Resistance per pole (average value)       mΩ       2         Power dissipation per pole (average value)       mΩ       2         Power dissipation per pole (average value)       ith       W       6         AC3       W       2.9       1         Tightening torque for terminals       min       Nm       3		690V	kW	62
400V         kW         18.5           415V         kW         18.5           440V         kW         18.5           440V         kW         18.5           440V         kW         18.5           500V         kW         20           690V         kW         22           Short-time allowable current for 10s (IEC/EN60947-1)         A         320           Protection fuse         gG (IEC)         A         63           add (IEC)         A         40         A         380           Breaking capacity (RMS value)         A         304         500V         A         240           690V         A         304         500V         A         240           690V         A         192         Power dissipation per pole (average value)         mC         2           Power dissipation per pole (average value)         mf         W         6           AC3         W         2.9         11         W         6           Tightening torque for terminals         min         Nm         3         12	Rated operational power AC-3 (T≤55°C)			
$\begin{array}{cccc} & 415 \lor & k \cr W & 18.5 \\ & 440 \lor & k \cr W & 18.5 \\ & 500 \lor & k \cr W & 20 \\ & 690 \lor & k \cr W & 22 \cr \end{array}$ Short-time allowable current for 10s (IEC/EN60947-1) A 320 \cr Protection fuse \cr & & & & & \\ Protection fuse \cr & & & & & \\ & & & & & & \\ & & & & & &		230V	kW	11
$\begin{array}{c cccc} & 440 \\ & 440 \\ & 500 \\ & & kW & 20 \\ \hline & 690 \\ & & kW & 22 \\ \hline \end{array}$		400V	kW	18.5
$\begin{array}{c cccc} & 500 \\ & 690 \\ & & kW \\ & 22 \\ \hline \end{array}$		415V	kW	18.5
690VkW22Short-time allowable current for 10s (IEC/EN60947-1)A320Protection fusegG (IEC)A63aM (IEC)A40Making capacity (RMS value)A380Breaking capacity at voltage440VA304500VA240690VA192Resistance per pole (average value)mΩ2Power dissipation per pole (average value)IthW6AC3W2.9Tightening torque for terminalsminNm2.5maxNm3Nm3		440V	kW	18.5
Short-time allowable current for 10s (IEC/EN60947-1)       A       320         Protection fuse       gG (IEC)       A       63         aM (IEC)       A       40         Making capacity (RMS value)       A       380         Breaking capacity at voltage       440V       A       304         500V       A       240         690V       A       192         Resistance per pole (average value)       mΩ       2         Power dissipation per pole (average value)       Ith       W       6         AC3       W       2.9       1       1         Tightening torque for terminals       min       Nm       2.5       max       Nm       3				
Protection fuse       gG (IEC)       A       63         aM (IEC)       A       40         Making capacity (RMS value)       A       380         Breaking capacity at voltage       440V       A       304         500V       A       240       690V       A       192         Resistance per pole (average value)       mΩ       2         Power dissipation per pole (average value)       Ith       W       6         AC3       W       2.9         Tightening torque for terminals       min       Nm       2.5         max       Nm       3		690V	kW	
gG (IEC) aM (IEC)A63 40Making capacity (RMS value)A380Breaking capacity at voltage440VA304 500V440VA304 500VA240 690VResistance per pole (average value)mΩ2Power dissipation per pole (average value)IthW6 AC3Tightening torque for terminalsminNm2.5 maxMinNm3	· · · · · · · · · · · · · · · · · · ·		Α	320
aM (IEC)A40Making capacity (RMS value)A380Breaking capacity at voltage440VA304440VA304500VA240690VA192690VA192Resistance per pole (average value)mΩ22Power dissipation per pole (average value)IthW6AC3W2.911Tightening torque for terminalsminNm2.5maxNm31	Protection fuse			
Making capacity (RMS value)A380Breaking capacity at voltage440VA304440VA304500VA240690VA192Resistance per pole (average value)mΩ2Power dissipation per pole (average value)IthW6AC3W2.9Tightening torque for terminalsminNm2.5maxNm3Nm3		• • •	А	
Breaking capacity at voltage       440V       A       304         440V       A       304         500V       A       240         690V       A       192         Resistance per pole (average value)       mΩ       2         Power dissipation per pole (average value)       Ith       W       6         AC3       W       2.9       1         Tightening torque for terminals       min       Nm       2.5         max       Nm       3		aM (IEC)		
$\begin{array}{cccc} 440 & A & 304 \\ 500 & A & 240 \\ 690 & A & 192 \\ \hline \\ $	Making capacity (RMS value)		Α	380
500VA240690VA192Resistance per pole (average value)mΩ2Power dissipation per pole (average value)IthW6AC3W2.9Tightening torque for terminalsminNm2.5maxNm33	Breaking capacity at voltage			
690V       A       192         Resistance per pole (average value)       mΩ       2         Power dissipation per pole (average value)       Ith       W       6         AC3       W       2.9         Tightening torque for terminals       min       Nm       2.5         max       Nm       3			А	304
Resistance per pole (average value)       mΩ       2         Power dissipation per pole (average value)       Ith       W       6         AC3       W       2.9         Tightening torque for terminals       min       Nm       2.5         max       Nm       3			А	
Power dissipation per pole (average value) Ith W 6 AC3 W 2.9 Tightening torque for terminals min Nm 2.5 max Nm 3		690V		
Ith     W     6       AC3     W     2.9       Tightening torque for terminals     min     Nm     2.5       max     Nm     3			mΩ	2
AC3       W       2.9         Tightening torque for terminals       min       Nm       2.5         max       Nm       3	Power dissipation per pole (average value)			
Tightening torque for terminals min Nm 2.5 max Nm 3				
min Nm 2.5 max Nm 3		AC3	W	2.9
max Nm 3	Tightening torque for terminals			
		min		
		min	Ibin	1.8
max Ibin 2.2		max	Ibin	2.2

## Tightening torque for coil terminal



**BF3800D024** Параметры 24VDC

		min	Nm	0.8
		max	Nm	1
		min	lbft	0.8
		max	lbft	0.74
Max number of wires	simultaneously connectable		nr.	2
Conductor section				
	AWG			
		/kcmil min		14
		/kcmil max		6
	Flexible w/o lug conductor section			
	0	min	mm²	2.5
		max	mm²	16
	Flexible c/w lug conductor section			
		min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug co			10
	T lexible with insulated space ing co	min	mm²	1
	(1	max	mm²	10
	tion according to IEC/EN 60529			IP20 when wired
Auxiliary contact chara				
Operational current le			A	56
Operating current DC	13			
		110V	А	Screw / DIN rail 35mm
Ambient conditions				
Temperature				
·	Operating temperature			
		min	°C	-50
		max	°C	70
	Storage temperature		-	
	5.5.1.95	min	°C	-60
		max	°Č	80
Max altitude		Пах	 	3000
-				3000
Operational position				
		Operating position normal		vertical plan
		Operating position allowable		±30°
Fixing				Screw / DIN rail
				35mm
Weight			g	0.554
Operations				
Mechanical life			Cycles	2000000
Electrical life			Cycles	1400000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
		rated load	Cicli	1400000
		mechanical load	Cicli	2000000
Mirror contats accordi	ng to IEC/EN 609474-4-1			yes
EMC compatibility	-			yes
DC coil operating				
DC rated control volta	ae			
		min	V	6
DC operating voltage			v	~
Do operating voltage				

pick-up

BF3800D024

BF3800D024

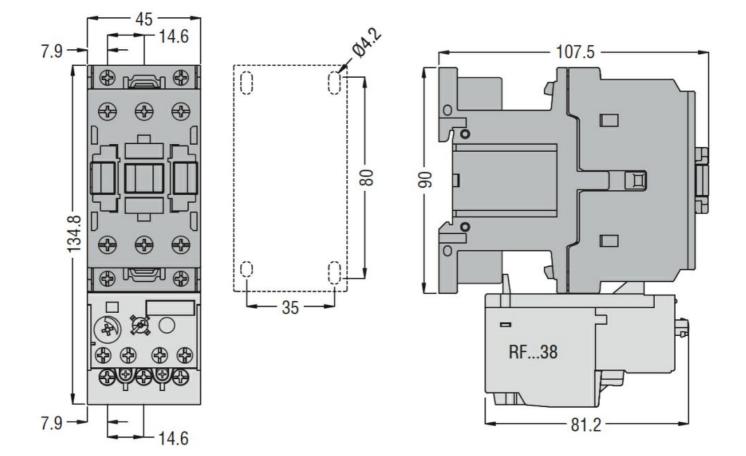
Параметры 24VDC

$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$			min	%Us	0.7
drop-out       min       %Us       0.1         max       %Us       0.40         Average coil consuption ≤20°C       Average coil consumption ≤20°C in-rush       W       5.4         Average coil consumption ≤20°C holding       W       5.4         Max cycles frequency       W       5.4         Max cycles frequency       V       5.4         Max cycles frequency       Cycles/h       3600         Operating times       Cycles/h       3600         Average time for Us control in AC       min       ms       8         Closing NO       min       ms       5         max       ms       15       in DC       min       ms       54         Opening NO       min       ms       54       max       66       0pening NO       min       ms       14       max       ms       17       10       10       10       10       10       10       10       10       10       10       10       10       10       10       10					
$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$			max	%Us	1.25
max         %Us         0.40           Average coil consumption \$20°C in-rush Average coil consumption \$20°C holding         W         5.4           Max cycles frequency         W         5.4           Mechanical operations         Cycles/h         3600           Operating times         Cycles/h         3600           Average time for Us control in AC         min         ms         8           Closing NO         min         ms         24           Opening NO         min         ms         5           max         ms         15         15           in DC         Closing NO         min         ms         54           Opening NO         min         ms         54           max         ms         15         15           in DC         Closing NO         min         ms         16           Ut technical data         max         ms         14         17           Ut technical data         min         ms         14         17           Yielded mechanical performance         at 480V         A         40         32           Yielded mechanical performance 110/120V         hp         3         17           Yielded mech		drop-out			
Average coil consupption ≤20°C Average coil consumption ≤20°C in-rush W 5.4 Average coil consumption ≤20°C holding W 5.4 Max cycles frequency Mechanical operations Cycles/h 3600 Operating times Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 5 max ms 15 in DC Closing NO min ms 54 max ms 15 in DC Closing NO min ms 54 max ms 16 Opening NO min ms 14 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 230V hp 10			min	%Us	0.1
Average coil consumption ≤20°C in-rush Average coil consumption ≤20°C holding       W       5.4         Max cycles frequency       W       5.4         Mechanical operations       Cycles/h       3600         Operating times       State       3600         Average time for Us control in AC       min       ms       8 max         Opening NO       min       ms       5 max         in DC       Closing NO       min       ms       54 max         Closing NO       min       ms       54 max         Max cycles frequency       Min       ms       54 max         Max Dipersion       Signal       Signal       Signal         Average coil consumption ≤20°C holding       Min       ms       54         Max cycles frequency       Min       ms       5         Max Dipersion       Min       ms       54         Max ms       15       Min       ms       54         Max ms       16       Min       ms       54         Max ms       14       max       ms       17         UL technical data       Min       Min       32       32         Yielded mechanical performance for       Min       Min       32			max	%Us	0.40
Average coil consumption ≤20°C in-rush Average coil consumption ≤20°C holding       W       5.4         Max cycles frequency       W       5.4         Mechanical operations       Cycles/h       3600         Operating times       State       3600         Average time for Us control in AC       min       ms       8 max         Opening NO       min       ms       5 max         in DC       Closing NO       min       ms       54 max         Closing NO       min       ms       54 max         Max cycles frequency       Min       ms       54 max         Max Dipersion       Signal       Signal       Signal         Average coil consumption ≤20°C holding       Min       ms       54         Max cycles frequency       Min       ms       5         Max Dipersion       Min       ms       54         Max ms       15       Min       ms       54         Max ms       16       Min       ms       54         Max ms       14       max       ms       17         UL technical data       Min       Min       32       32         Yielded mechanical performance for       Min       Min       32	Average coil consupti	on ≤20°C			
Average coil consumption $\leq 20^{\circ}$ C holdingW5.4Max cycles frequencyCycles/h3600Operating timesCycles/h3600Average time for Us control in ACminms8Closing NOminms8Maxms24Opening NOminms5in DCClosing NOminms54Opening NOminms54in DCClosing NOminms54Opening NOminms54Maxms15Ut technical datatittitFull-load current (FLA) for three-phase AC motorat 480VA40Yielded mechanical performance 110/120Vhp3Yielded mechanical performance 230Vhp7.5for three-phase AC motorYielded mechanical performance 230Vhp10			Average coil consumption ≤20°C in-rush	W	54
Max cycles frequency Mechanical operations Operating times Average time for Us control in AC Closing NO in AC Closing NO in M in M is 8 max M is 24 Opening NO min M is 5 max M is 15 in DC Closing NO min M is 54 max M is 66 Opening NO min M is 14 max M is 16 UL technical data Full-load current (FLA) for three-phase AC motor for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 230V hp 10			-		
Mechanical operations Cycles/h 3600           Operating times	Max cycles frequency			vv	0.4
Operating times         Average time for Us control         in AC         Closing NO         max       ms         Max       ms         24         Opening NO         min       ms         min       ms         in DC         Closing NO         Max       ms         in DC         Closing NO         Max       ms         Max       ms         54         max       ms         54       max         Max       ms         17       Utechnical data         Full-load current (FLA) for three-phase AC motor         at 600V       A         17       Utechnical performance for         for single-phase AC motor       ms         Yielded mechanical performance 110/120V       hp         Yielded mechanical performance 230V       hp				Cycles/b	2600
Average time for Us control in AC Closing NO min ms 8 max ms 24 Opening NO min ms 5 max ms 15 in DC Closing NO Closing NO min ms 54 max ms 66 Opening NO min ms 14 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 200/208V hp 10		Ď		Cycles/n	3600
in AC Closing NO min ms 8 max ms 24 Opening NO min ms 5 max ms 15 in DC Closing NO min ms 54 max ms 66 Opening NO min ms 14 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor Full-load current (FLA) for three-phase AC motor for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 230V hp 10		· •			
Closing NO       min       ms       8         max       ms       24         Opening NO       min       ms       5         max       ms       15         in DC       Closing NO       min       ms       54         Max       ms       66       66         Opening NO       min       ms       14         Max       ms       14       max       ms       17         UL technical data       min       ms       14       max       14         Full-load current (FLA) for three-phase AC motor       at 480V       A       40       32         Yielded mechanical performance 110/120V       A       32       32         Yielded mechanical performance 230V       hp       3       32         Yielded mechanical performance 230V       hp       3       3         Yielded mechanical performance 230V       hp       7.5       5         for three-phase AC motor       Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       Yielded mechanical performance 230V       hp       10	Average time for Us c				
minms8 max8 max8 max8 max9 24Opening NOminms5 max5 max15in DCClosing NOminms54 max66 66Opening NOminms14 max66Opening NOminms14 max17UL technical dataFull-load current (FLA) for three-phase AC motorIt 480VA40 at 600V32Yielded mechanical performance for for single-phase AC motorIt 480VA40 at 600VYielded mechanical performance 110/120Vhp3 r.5for three-phase AC motorYielded mechanical performance 230Vhp10		in AC			
maxms24Opening NOminms5maxms15in DCClosing NOminms54Closing NOminms54Maxms6666Opening NOminms14maxms1714Ut technical dataFull-load current (FLA) for three-phase AC motorTielded mechanical performance for for single-phase AC motorYielded mechanical performance 110/120Vhp3Yielded mechanical performance 230Vhp7.5for three-phase AC motorYielded mechanical performance 200/208Vhp10			Closing NO		
Opening NOminms5maxms15in DCClosing NO			min	ms	8
min       ms       5         max       ms       15         in DC       Closing NO       min       ms       54         max       ms       66       0       0       0       0       0         Min       ms       14       max       ms       17       0         UL technical data         Full-load current (FLA) for three-phase AC motor         at 480V       A       40         at 600V       A       40         at 600V       A       32         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor         Yielded mechanical performance 200/208V       hp       10			max	ms	24
min       ms       5         max       ms       15         in DC       Closing NO       min       ms       54         max       ms       66       0       0       0       0       0         Min       ms       14       max       ms       17       0         UL technical data         Full-load current (FLA) for three-phase AC motor         at 480V       A       40         at 600V       A       40         at 600V       A       32         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor         Yielded mechanical performance 200/208V       hp       10			Opening NO		
maxms15in DCClosing NOminms54maxms5666Opening NOminms14maxms1714UL technical dataFull-load current (FLA) for three-phase AC motorat 480VA40at 480VA40at 600VA32Yielded mechanical performance 110/120Vhp3Yielded mechanical performance 230Vhp7.5for three-phase AC motorYielded mechanical performance 230Vhp10				ms	5
in DC Closing NO min ms 54 max ms 66 Opening NO min ms 14 max ms 17 UL technical data Full-load current (FLA) for three-phase AC motor At 480V A 40 at 600V A 32 Yielded mechanical performance for for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 200/208V hp 10					
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min       ms       54         max       ms       66         Opening NO       min       ms       14         max       ms       14       max       ms       17         UL technical data         Full-load current (FLA) for three-phase AC motor         at 480V       A       40         at 600V       A       32         Yielded mechanical performance for       row       A         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       row       row         Yielded mechanical performance 200/208V       hp       10					
Maxms66Opening NOminms14maxms17UL technical dataFull-load current (FLA) for three-phase AC motorat 480VA40at 600VA32Yielded mechanical performance for for single-phase AC motorImage: Single S			-	ma	E A
Opening NO       min       ms       14         max       ms       17         UL technical data         Full-load current (FLA) for three-phase AC motor         at 480V       A       40         at 600V       A       32         Yielded mechanical performance for       result       result       result         Yielded mechanical performance 110/120V       hp       3       3         Yielded mechanical performance 230V       hp       7.5       5         For three-phase AC motor         Yielded mechanical performance 200/208V       hp       10					
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max       ms       17         UL technical data         Full-load current (FLA) for three-phase AC motor         at 480V       A       40         at 600V       A       32         Yielded mechanical performance for       result       32         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       yielded mechanical performance 200/208V       hp       10					
UL technical data Full-load current (FLA) for three-phase AC motor at 480V A 40 at 600V A 32 Yielded mechanical performance for for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 200/208V hp 10					
Full-load current (FLA) for three-phase AC motor       at 480V       A       40         at 600V       A       32         Yielded mechanical performance for       for single-phase AC motor       3         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       Yielded mechanical performance 200/208V       hp       10			max	ms	17
at 480V       A       40         at 600V       A       32         Yielded mechanical performance for       for single-phase AC motor         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       Yielded mechanical performance 200/208V       hp       10					
at 600V       A       32         Yielded mechanical performance for       for single-phase AC motor       3         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       Yielded mechanical performance 200/208V       hp       10	Full-load current (FLA	) for three-phase AC mo	tor		
Yielded mechanical performance for       for single-phase AC motor         Yielded mechanical performance 110/120V       hp       3         Yielded mechanical performance 230V       hp       7.5         for three-phase AC motor       Yielded mechanical performance 200/208V       hp       10			at 480V	А	40
for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 200/208V hp 10			at 600V	А	32
for single-phase AC motor Yielded mechanical performance 110/120V hp 3 Yielded mechanical performance 230V hp 7.5 for three-phase AC motor Yielded mechanical performance 200/208V hp 10	Yielded mechanical p	erformance for			
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Yielded mechanical performance 230Vhp7.5for three-phase AC motor Yielded mechanical performance 200/208Vhp10				hp	3
for three-phase AC motor Yielded mechanical performance 200/208V hp 10				•	
Yielded mechanical performance 200/208V hp 10		for three-phase AC m		чч Ч	1.0
		ior unee-phase AC III		hr	10
			•		
Yielded mechanical performance 220/230V hp 15				•	
Yielded mechanical performance 460/480V hp 30				•	
Yielded mechanical performance 575/600V hp 30			Yielded mechanical performance 575/600V	hp	30
General USE	General USE				
Contactor		Contactor			
AC current A 32			AC current	А	32
	Other features				
					3
	Pollution dearee				-
Pollution degree 3	Pollution degree Dimensions				

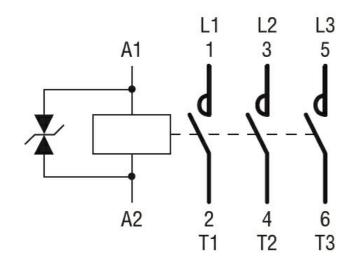
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ENERGY AND AUTOMATION

electric



## Wiring diagrams



## Certifications and compliance

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

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ETIM 6 classification

cULus EAC

EC000066 - Power contactor, AC switching