



Product designation			Power contactor
Product type designation			BF65
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		А	100
Operational current le			
	AC-1 (≤40°C)	А	100
	AC-1 (≤55°C)	A	80
	AC-1 (≤70°C)	A	70
	AC-3 (≤440V ≤55°C)	A	65
	AC-4 (400V)	A	31
Rated operational power AC-3 (T≤55°C)			01
	230V	kW	18.5
	400V	kW	30
	400V 415V	kW	37
	440V	kW	37
	500V	kW	37
	690V	kW	45
	1000V	kW	30
Rated operational current AC-3 (T≤55°C)	1000 V		50
	230V	А	65
	400V	A	65
	400V 415V	A	65
	413V 440V	A	65
	500V	A	53
	690V		47
	1000V	A A	25
Rated operational power AC-1 (T≤40°C)	1000 v	A	20
Rated operational power AC-1 (1540 C)	230V	kW	38
	230V 400V	kW	
			65
	500V	kW	82
$ \Gamma_{C} $ may summat be in DC1 with $1/D < 1$ are with 1 moles in series	690V	kW	114
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series	-041/	۸	50
	≤24V	A	50
	48V	A	50
	75V	A	50
	110V	A	8
	220V	A	-
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series	<b>_</b>	-	
	≤24V	А	70



THREE-POLE CONTACTOR, IEC OPERATING CU 110VAC

	BF65	00A110
JRRENT IE (AC3) = 65A, A	C COIL	50/60HZ,

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	70
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	70
IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series       ≤24V       A       70         48V       A       70         110V       A       60         220V       A       90         IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series       ≤24V       A       70         48V       A       70       48V       A       70         10V       A       70       48V       A       70         1EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series       ≤24V       A       70         12C max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series       ≤24V       A       35         1EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series       ≤24V       A       45         48V       A       40       75V       A       40         170V       A       30       220V       A       40         170V       A       30       220V       A       45         48V       A       40       75V       A       40         170V       A       30       220V       A       5         IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series       524V       A       5		110V	А	60
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	А	9
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		≤24V	А	70
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	70
$\begin{array}{c c c c c c c c } \hline 220 & A & 90 \\ \hline 1EC max current le in DC1 with L/R \leq 1ms with 4 poles in series \\ \hline 224 & V & A & 70 \\ \hline 48 & V & A & 70 \\ \hline 75 & A & 70 \\ \hline 100 & A & 70 \\ \hline 220 & A & 110 \\ \hline 100 & A & 70 \\ \hline 220 & A & 110 \\ \hline 100 & A & 25 \\ \hline 75 & A & 25 \\ \hline 75 & A & 25 \\ \hline 110 & A & 3 \\ \hline 220 & A & 25 \\ \hline 110 & A & 3 \\ \hline 220 & A & 25 \\ \hline 110 & A & 3 \\ \hline 220 & A & 25 \\ \hline 110 & A & 3 \\ \hline 220 & A & 45 \\ \hline 48 & A & 40 \\ \hline 75 & A & 40 \\ \hline 110 & A & 30 \\ \hline 220 & A & 5 \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series \\ \hline 1EC max current le in DC3-DC5 with L/R \leq 15ms with 4 pol$		75V	А	70
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series $\leq 24V$ A70 $48V$ A70 $75V$ A70 $220V$ A110IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series $\leq 24V$ A35 $48V$ A25 $75V$ A25 $110V$ A3IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\leq 24V$ A45 $48V$ A40 $75V$ A40 $110V$ A30 $220V$ A40 $110V$ A30 $220V$ A5IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\leq 24V$ A55 $48V$ A5075VA60 $110V$ A35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\leq 24V$ A60 $75V$ A6048VA60 $75V$ A606560 $110V$ A		110V	А	60
		220V	А	90
	IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series			
$\begin{array}{c c c c c c c } \hline 75V & A & 70 \\ 110V & A & 70 \\ 220V & A & 110 \\ \hline \hline \hline IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series \\ \leq 24V & A & 35 \\ 48V & A & 25 \\ 75V & A & 25 \\ 110V & A & 3 \\ 220V & A & - \\ \hline \hline$		≤24V	А	70
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		48V	А	70
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
220VA110IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series524VA3548VA2575VA2575VA3220VA-IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series524VA4548VA4075VA4075VA4075VA4075VA40220VA5IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series524VA5548VA5075VA50110VA35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series524VA6075VA5550110VA35220VA525550220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series524VA6075VA60110VA65Short-time allowable current for 10s (IEC/EN60947-1)A64075VProtection fusegG (IEC)A125aM (IEC)A80A425690VA425590VA520500VA425690VA376Resistance per pole (average value)mQ0.876Power dissipation per pole (average value)mQ0.8Power dissipation per				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$ \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 DC3-DC5 with L/R ≤ 15ms with 1 poles in series			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		≤24∨	А	35
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
220VA−IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\leq 24V$ A4548VA4075VA40110VA30220VA5IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\leq 24V$ A5548VA5075VA50110VA35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A60110VA35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A6048VA60110VA50100VA50220VA65Short-time allowable current for 10s (IEC/EN60947-1)A640Protection fusegG (IEC)A125aM (IEC)A8080Making capacity (RMS value)A650Breaking capacity (RMS value)A650Breaking capacity (RMS value)A650Breaking capacity at voltage $m\Omega$ 0.8Power dissipation per pole (average value)mΩ0.8Power dissipation per pole (average value)mΩ3.4				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series≤24VA4548VA4075VA40110VA30220VA5IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series≤24VA5548VA5075VA50110VA35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series≤24VA60110VA35220VA62IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series≤24VA6048VA6075VA60110VA50220VA65Short-time allowable current for 10s (IEC/EN60947-1)A640Protection fusegG (IEC)A125aM (IEC)A80AMaking capacity (RMS value)A650Breaking capacity at voltage440VA520600VA425690VA600VA376376Resistance per pole (average value)mΩ0.8Power dissipation per pole (average value)IthW8AC-3W3.4A				
$\begin{aligned} & \leq 24 \forall  A  45 \\ & 48 \forall  A  40 \\ & 75 \forall  A  40 \\ & 110 \forall  A  30 \\ & 220 \forall  A  5 \end{aligned}$ $IEC \text{ max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series} = \\ & \leq 24 \forall  A  55 \\ & 48 \forall  A  50 \\ & 75 \forall  A  50 \\ & 110 \forall  A  35 \\ & 220 \forall  A  52 \end{aligned}$ $IEC \text{ max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series} = \\ & \leq 224 \forall  A  60 \\ & 110 \forall  A  35 \\ & 220 \forall  A  60 \\ & 48 \forall  A  60 \\ & 75 \forall  A  60 \\ & 110 \forall  A  50 \\ & 220 \forall  A  60 \\ & 110 \forall  A  50 \\ & 220 \forall  A  60 \\ & 110 \forall  A  50 \\ & 220 \forall  A  65 \\ \hline \text{Short-time allowable current for 10s (IEC/EN60947-1) & A  640 \\ \hline \text{Protection fuse} = \\ & & & & & & & & & & \\ & & & & & & &$	IEC max current le in DC3-DC5 with $I/R \le 15$ ms with 2 poles in series	2201	71	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		<24\/	Δ	45
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
220VA5IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\leq 24V$ A5548VA5075VA50110VA35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\leq 24V$ A6048VA6075VA6048VA6075VA60110VA50220VA65Short-time allowable current for 10s (IEC/EN60947-1)A640Protection fusegG (IEC)A125aM (IEC)A80AMaking capacity (RMS value)A650Breaking capacity at voltage440VA520500VA425690VA690VA376Resistance per pole (average value)mΩ0.8Power dissipation per pole (average value)IthW8AC-3W3.4AA				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series≤24VA5548VA5075VA50110VA35220VA52IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series≤24VA6048VA6075VA60110VA50220VA65Short-time allowable current for 10s (IEC/EN60947-1)A640Protection fusegG (IEC)A125aM (IEC)A80Making capacity (RMS value)A650Breaking capacity at voltage440VA520500VA425690VAPower dissipation per pole (average value)mΩ0.8Power dissipation per pole (average value)IthW8AC-3W3.4				
$\begin{array}{c cccc} \leq 24 & A & 55 \\ 48 & A & 50 \\ 75 & A & 50 \\ 110 & A & 35 \\ 220 & A & 52 \end{array}$ $\hline IEC \mbox{ current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series} & & & & \\ 220 & A & 52 \\ \hline IEC \mbox{ max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series} & & & \\ \leq 24 & A & 60 \\ 48 & A & 60 \\ 75 & A & 60 \\ 110 & A & 50 \\ 220 & A & 65 \\ \hline Short-time \mbox{ allowable current for 10s (IEC/EN60947-1)} & A & 640 \\ \hline Protection \mbox{ function fuse} & & & \\ \hline gG (IEC) & A & 125 \\ aM (IEC) & A & 80 \\ \hline Making \mbox{ capacity at voltage} & & & \\ \hline gB \mbox{ function fuse} & & & \\ \hline Making \mbox{ capacity at voltage} & & & \\ \hline H & W & 8 \\ \hline Resistance \mbox{ per pole (average value)} & & & \\ \hline Power \mbox{ dissipation per pole (average value)} & & & \\ \hline Ith & W & 8 \\ \hline AC-3 & W & 3.4 \\ \hline \end{array}$	IFC may current le in DC3-DC5 with $1/R \le 15$ with 3 poles in series	2201	Α	0
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		<21\/	۸	55
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\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 DC3-DC5 with L/R ≤ 15ms with 4 poles in series≤24VA6048VA6075VA60110VA50220VA65Short-time allowable current for 10s (IEC/EN60947-1)A640Protection fusegG (IEC)A125aM (IEC)A80Making capacity (RMS value)A650Breaking capacity at voltage440VA520500VA425690VA376Resistance per pole (average value)mΩ0.8Power dissipation per pole (average value)mΩ3.4				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC may current to in DC3 DC5 with $1/P < 15$ mc with 4 polos in series	2201	~	52
$\begin{array}{ccccccc} 48V & A & 60 \\ 75V & A & 60 \\ 110V & A & 50 \\ 220V & A & 65 \end{array} \\ \hline \\ \hline Short-time allowable current for 10s (IEC/EN60947-1) & A & 640 \end{array} \\ \hline \\ \hline Protection fuse & & & & & \\ \hline \\ Protection fuse & & & & & \\ \hline \\ gG (IEC) & A & 125 \\ aM (IEC) & A & 80 \\ \hline \\ \hline \\ \hline \\ Making capacity (RMS value) & A & 650 \\ \hline \\ \hline \\ Breaking capacity at voltage & & & & \\ \hline \\ \hline \\ \hline \\ Resistance per pole (average value) & & m\Omega & 0.8 \\ \hline \\ \hline \\ \hline \\ Power dissipation per pole (average value) & & & \\ \hline \\$	IEC max current le in DC3-DC3 with L/K = 15ms with 4 poles in series	<241/	۸	60
$\begin{array}{c cccc} 75 & A & 60 \\ 110 & A & 50 \\ 220 & A & 65 \\ \hline \end{array}$ Short-time allowable current for 10s (IEC/EN60947-1) & A & 640 \\ \hline Protection fuse & & & \\ gG (IEC) & A & 125 \\ aM (IEC) & A & 80 \\ \hline \end{array} Making capacity (RMS value) & A & 650 \\ \hline \end{array} Breaking capacity at voltage & & & & \\ \hline \\ 440 & A & 520 \\ 500 & A & 425 \\ 690 & A & 376 \\ \hline \end{array} Resistance per pole (average value) & & m\Omega & 0.8 \\ \hline \end{array} Power dissipation per pole (average value) & & & & \\ \hline \end{array}				
$\begin{array}{c cccc} 110 \end{tabular} & A & 50 \\ 220 \end{tabular} & A & 65 \\ \hline \end{array} \\ \hline Short-time allowable current for 10s (IEC/EN60947-1) & A & 640 \\ \hline \\ Protection fuse & & & & \\ \hline \\ gG (IEC) & A & 125 \\ aM (IEC) & A & 80 \\ \hline \\ \hline \\ Making capacity (RMS value) & A & 650 \\ \hline \\ Breaking capacity at voltage & & & & \\ \hline \\ \\ Hat W & A & 520 \\ 500 \end{tabular} & & & & \\ \hline \\ \hline \\ Resistance per pole (average value) & & & & \\ \hline \\ Power dissipation per pole (average value) & & & \\ \hline \\ Power dissipation per pole (average value) & & & \\ \hline \\ \hline \\ Power dissipation per pole (average value) & & & \\ \hline \\$				
220V         A         65           Short-time allowable current for 10s (IEC/EN60947-1)         A         640           Protection fuse         gG (IEC)         A         125           aM (IEC)         A         80           Making capacity (RMS value)         A         650           Breaking capacity at voltage         440V         A         520           Solv         A         425         690V         A         376           Resistance per pole (average value)         mΩ         0.8            Power dissipation per pole (average value)         Ith         W         8           AC-3         W         3.4				
Short-time allowable current for 10s (IEC/EN60947-1)       A       640         Protection fuse       gG (IEC)       A       125         aM (IEC)       A       80         Making capacity (RMS value)       A       650         Breaking capacity at voltage       440V       A       520         S00V       A       425         690V       A       376         Resistance per pole (average value)       mΩ       0.8         Power dissipation per pole (average value)       Ith       W       8         AC-3       W       3.4				
Protection fuse       gG (IEC)       A       125         aM (IEC)       A       80         Making capacity (RMS value)       A       650         Breaking capacity at voltage       440V       A       520         500V       A       425         690V       A       376         Resistance per pole (average value)       mΩ       0.8         Power dissipation per pole (average value)       Ith       W       8         AC-3       W       3.4	Short-time allowable current for 10c (IEC/EN60047.1)	220 V		
gG (IEC)A125aM (IEC)A80Making capacity (RMS value)A650Breaking capacity at voltage440VA520500VA425690VA376Resistance per pole (average value)mΩ0.8Power dissipation per pole (average value)IthW8AC-3W3.4			A	040
aM (IEC)A80Making capacity (RMS value)A650Breaking capacity at voltage440VA520440VA520500VA425690VA376376Resistance per pole (average value)mΩ0.8Power dissipation per pole (average value)IthW8AC-3W3.4			^	105
Making capacity (RMS value)A650Breaking capacity at voltage440VA520440VA520500VA425690VA376Resistance per pole (average value)mΩ0.8Power dissipation per pole (average value)IthW8AC-3W3.4				
Breaking capacity at voltage       440V       A       520         440V       A       520         500V       A       425         690V       A       376         Resistance per pole (average value)       mΩ       0.8         Power dissipation per pole (average value)       Ith       W       8         AC-3       W       3.4	Making consolity (DMC value)	aivi (IEC)		
$\begin{array}{cccc} 440 & & A & 520 \\ 500 & A & 425 \\ \hline 690 & A & 376 \\ \hline \\ $			A	000
500V         A         425           690V         A         376           Resistance per pole (average value)         mΩ         0.8           Power dissipation per pole (average value)         Ith         W         8           AC-3         W         3.4	Breaking capacity at voltage			500
690V       A       376         Resistance per pole (average value)       mΩ       0.8         Power dissipation per pole (average value)       Ith       W       8         AC-3       W       3.4				
Resistance per pole (average value)       mΩ       0.8         Power dissipation per pole (average value)       Ith       W       8         AC-3       W       3.4				
Power dissipation per pole (average value) Ith W 8 AC-3 W 3.4		690V		
Ith W 8 AC-3 W 3.4			mΩ	0.8
AC-3 W 3.4	Power dissipation per pole (average value)			
Tightening torque for terminals		AC-3	W	3.4
	Tightening torque for terminals			

BF6500A110



BF6500A110 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 65A, AC COIL 50/60HZ, 110VAC

		min	Nm	4
		max	Nm	5
		min	lbin	2.95
		max	Ibin	3.69
Tightening torque for	coil terminal			
3 4 3 4 1		min	Nm	0.8
		max	Nm	1
		min	lbin	0.8
		max	Ibin	0.74
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		2
	Flexible w/o lug conductor section			_
		min	mm²	1.5
		max	mm²	35
	Flexible c/w lug conductor section	max		
		min	mm²	1.5
		max	mm²	35
Power terminal protect	tion according to IEC/EN 60529			IP20 front
Mechanical features				
Operating position				
- p		normal		Vertical plan
		allowable		±30°
				Screw / DIN rail
Fixing				35mm
Weight			g	1020
Conductor section				
	AWG/kcmil conductor section			
		max		2
Operations				
Mechanical life			cycles	15000000
Electrical life			cycles	1400000
Safety related data				
Performance level B1	0d according to EN/ISO 13489-1			
	-	rated load	cycles	1400000
		mechanical load	cycles	15000000
Mirror contats accordi	ng to IEC/EN 609474-4-1		-	yes
EMC compatibility	-			yes
AC coil operating				
Rated AC voltage at 5	50/60Hz		V	110
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	, pick-up			
		min	%Us	80
		max	%Us	110
	drop-out			
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	, pick-up			
		min	%Us	85
		max	%Us	110

BF6500A110



THREE-POLE CONTACTOR, IEC OPERATING C 110VAC

	BF65	00A110
CURRENT IE (AC3) = 65A, .	AC COIL	50/60HZ,

	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	210
		holding	VA	15
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	195
		holding	VA	13
	of 60Hz coil powered at 60Hz	· · · · ·		040
		in-rush	VA	210
Dissinction at holding		holding	VA	15
Dissipation at holding			W	5
Max cycles frequency			ovelee/b	2600
Mechanical operation			cycles/h	3600
Operating times Average time for Us o				
Average unie IOF US C	in AC			
	Closing NO			
		min	ms	12
		max	ms	28
	Opening NO	Пах	1115	20
	opening ite	min	ms	8
		max	ms	22
	in DC	Пах	inte	
	Closing NO			
	e leen ig i e	min	ms	40
		max	ms	85
	Opening NO			
		min	ms	20
		max	ms	55
UL technical data				
Full-load current (FLA	) for three-phase AC motor			
		at 480V	А	65
		at 600V	А	62
Yielded mechanical p	erformance			
	for three-phase AC motor			
		200/208V	HP	20
		220/230V	HP	25
		460/480V	HP	50
		575/600V	HP	60
General USE				
	Contactor			
<u></u>	(	AC current	A	100
Short-circuit protectio				
	High fault			100
		Short circuit current	kA	100
		Fuse rating	А	200
	Oten dend foult	Fuse class		J
	Standard fault	Object size it see t	1. 4	4.0
		Short circuit current	kA	10
		Fuse rating	A	200 RK5
		Fuse class		RK5

BF6500A110

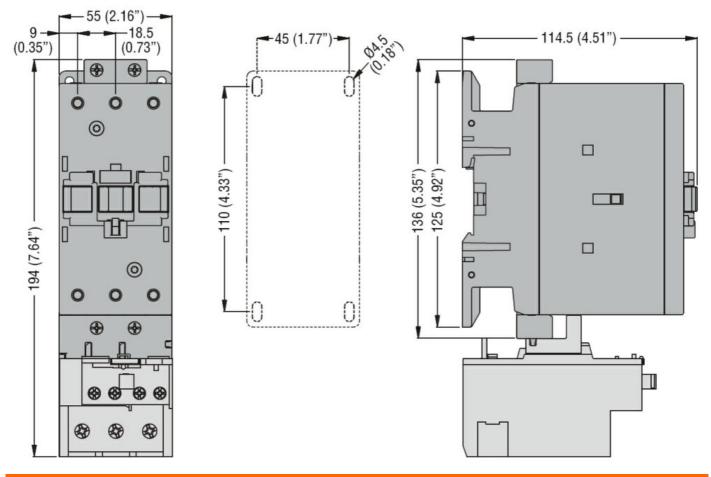


BF6500A110 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 65A, AC COIL 50/60HZ, 110VAC

Ambient conditions

Temperature

remperature					
-	Operating temperature				
		min	°C	-50	
		max	°C	70	
	Storage temperature				
		min	°C	-60	
		max	°C	80	
Max altitude			m	3000	
Resistance & Prot	tection				
Pollution degree				3	
Dimensions					

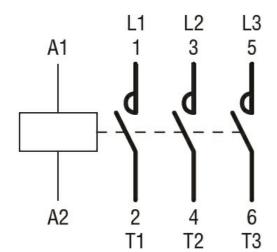


## Wiring diagrams

BF6500A110



BF6500A110 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 65A, AC COIL 50/60HZ, 110VAC



## Certifications and compliance

o or ano and oo	
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
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching