

Product designation



Power contactor

Contact characteristicsNumber of polesnr.3Rated insulation voltage Ui IEC/ENV690Rated insulation voltage UimpkV6Operational frequencyminHz25maxHz40012IEC Conventional free air thermal current lthA32Operational current leAC-1 (s40°C)A32AC-1 (s55°C)A26AC-1 (s55°C)AAC-3 (s400°C)A23AC-3 (s400°C)ARated operational power AC-3 (T≤55°C)230VkW7400VkW12.5415VkW13.4500VkW15690VkW158reted operational power AC-1 (T≤40°C)230VkW12440VkW13.4500VkW12450VkW13.4500VkW26690VkW12400VkW26690VkW26690VkW36IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series224VA2048VA1875VA1875VA1875VA2348VA2348VA2348VA2348VA2348VA2375VA2348VA2375VA2348VA2316220VA16 </th <th>Product type designation</th> <th></th> <th></th> <th>BF25</th>	Product type designation			BF25
Number of poles nr. 3 Rated insulation voltage Ui IEC/EN V 690 Operational frequency min Hz 25 Operational frequency min Hz 400 IEC Conventional free air thermal current lth A 32 Operational current le AC-1 (≤40°C) A 32 AC-1 (≤55°C) A 26 AC-1 (≤55°C) A 26 AC-1 (≤40°V) A 32 AC-1 (≤40°V) A 20 AC-3 (≤40V) A 10 Rated operational power AC-3 (T≤55°C) 230V kW 7 400V KW 13.4 440V kW 13.4 500V kW 11 Rated operational power AC-1 (TS40°C) 230V kW 12 400V kW 21 500V kW 21 500V kW 22 1EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series \$24V A 20 48V A 23 110V A 2				DI 23
Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp kV 6 Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current lth A 32 Operational current le AC-1 (≤40°C) A 32 AC-1 (≤55°C) A 25 AC-1 (≤70°C) A 23 AC-1 (≤70°C) A 23 AC-3 (≤440V ≤55°C) A 25 AC-4 (400V) A 10 Rated operational power AC-3 (T≤55°C) 230V kW 7 400V kW 13.4 440V kW 13.4 500V kW 15 690V kW 11 Rated operational power AC-1 (T≤40°C) 230V kW 12 400V kW 12 690V kW 12 500V kW 12 500V kW 12 EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 524V			pr	2
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Operational frequency min Hz 25 max Hz 400 IEC Conventional free air thermal current lth A 32 Operational current le AC-1 (s40°C) A 32 Operational current le AC-1 (s55°C) A 26 AC-3 (s440v s55°C) A 25 AC-4 (400V) A 10 Rated operational power AC-3 (T≤55°C) 230V kW 7 400V kW 12.5 415V kW 13.4 500V kW 12 400V kW 12 690V kW 11 13.4 500V kW 12 400V kW 12 400V kW 12 400V kW 12 690V kW 12 400V kW 21 500V kW 26 690V kW 12 20V 40V 8 11 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤2				
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max Hz 400 IEC Conventional free air thermal current lth A 32 Operational current le AC-1 (s56°C) A 32 AC-1 (s55°C) A 26 AC-1 (s55°C) A 23 AC-3 (s40°SF) A 23 AC-3 (s400°SF) A 23 AC-3 (s400°SF) A 10 AC-3 (s400°SF) AC-4 (400°V) A 10 Rated operational power AC-3 (T≤55°C) 230V kW 7 400V kW 13.4 500V kW 15 690V kW 15 690V kW 11 AC-3 (s40°C) 230V kW 12 440V kW 12 400V kW 12 400V kW 12 400V kW 12 400V kW 12 40V kW 36 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 23 1EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series <t< td=""><td>Operational frequency</td><td></td><td></td><td></td></t<>	Operational frequency			
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$			A	32
$ \begin{array}{ccccc} AC-1 (≤55^{\circ}C) & A & 26 \\ AC-1 (≤55^{\circ}C) & A & 23 \\ AC-3 (≤440V ≤55^{\circ}C) & A & 25 \\ AC-4 (400V) & A & 10 \\ \hline \\ \begin{tabular}{lllllllllllllllllllllllllllllllllll$	Operational current le			
$ \begin{array}{cccc} AC-1 (\leq 70^{\circ}\text{C}) & A & 23 \\ AC-3 (\leq 4400 \times 55^{\circ}\text{C}) & A & 25 \\ AC-4 (400 \vee) & A & 10 \\ \hline \\ Rated operational power AC-3 (T \leq 55^{\circ}\text{C}) & & & & & & & & & & & & & & & & & & &$		AC-1 (≤40°C)	А	32
		AC-1 (≤55°C)	А	26
AC-4 (400V) A 10 Rated operational power AC-3 (T≤55°C) 230V kW 7 400V kW 12.5 415V kW 13.4 440V kW 13.4 440V kW 13.4 500V kW 15 690V kW 11 Rated operational power AC-1 (T≤40°C) 230V kW 12 400V kW 21 500V kW 26 690V kW 36 690V kW 36 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series ≤24V A 20 48V A 18 110V A 6 220V A - 1 1 IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 23 48V A 23 75V A 23 110V A 16 220V A 1 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 23 110V		AC-1 (≤70°C)	А	23
Rated operational power AC-3 (T≤55°C) 230V kW 7 400V kW 12.5 415V kW 13.4 440V kW 13.4 500V kW 15 690V kW 11 Rated operational power AC-1 (T≤40°C) 230V kW 12 400V kW 21 500V kW 21 500V kW 26 690V kW 36 IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series 224V A 20 48V A 18 75V A 18 110V A 6 220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series ≤24V A 23 5V A 23 75V A 23 110V A 16 220V A 1 IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series ≤24V A 23 <		AC-3 (≤440V ≤55°C)	А	25
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	А	10
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Rated operational power AC-3 (T≤55°C)			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		230V	kW	7
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		400V	kW	12.5
$ \begin{array}{c} 440 \vee & k \mathbb{W} & 13.4 \\ 500 \vee & k \mathbb{W} & 15 \\ 690 \vee & k \mathbb{W} & 11 \end{array} \\ \hline Rated operational power AC-1 (T \leq 40 ^{\circ} C) & & & & & \\ 230 \vee & k \mathbb{W} & 12 \\ 400 \vee & k \mathbb{W} & 21 \\ 500 \vee & k \mathbb{W} & 26 \\ 690 \vee & k \mathbb{W} & 26 \\ 690 \vee & k \mathbb{W} & 36 \end{array} \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 1 poles in series & & & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 2 poles in series & & & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 2 poles in series & & & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 2 poles in series & & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 2 poles in series & & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1 with L/R \leq 1 ms with 3 poles in series & & \\ \hline IEC max current le in DC1$				
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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)230VkW12400VkW21500VkW26690VkW36IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A2048VA1875VA18110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A2348VA2375VA23110VA16220VA1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A2348VA2375VA2348VA2348VA2375VA2348VA2375VA2375VA2375VA23				
$\begin{array}{c} 230 \lor kW 12 \\ 400 \lor kW 21 \\ 500 \lor kW 26 \\ 690 \lor kW 36 \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 1 poles in series $\begin{array}{c} \leq 24 \lor A 20 \\ 48 \lor A 18 \\ 75 \lor A 18 \\ 110 \lor A 6 \\ 220 \lor A - \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series $\begin{array}{c} \leq 24 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 23 \\ 110 \lor A 16 \\ 220 \lor A 1 \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{c} \leq 24 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 16 \\ 220 \lor A 1 \end{array}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{array}{c} \leq 24 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 23 \\ 48 \lor A 23 \\ 75 \lor A 23 \end{array}$	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 $		230\/	k\//	12
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
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IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A2048VA1875VA18110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A2348VA2375VA23110VA16220VA1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A23110VA16220VA1IEC max current le in DC1 with L/R ≤ 1ms with 3 poles in series $\leq 24V$ A2348VA2375VA2348VA2375VA23				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC may aurrent to in DC1 with $1/D < 1$ may with 1 poles in series	090 v	K V V	50
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	The max current le in DCT with L/R 2 mis with 1 poles in series	<241	٨	20
$\begin{array}{cccc} 75 & A & 18 \\ 110 & A & 6 \\ 220 & A & - \end{array}$ IEC max current le in DC1 with L/R < 1ms with 2 poles in series $\begin{array}{cccc} \leq 24 & A & 23 \\ 48 & A & 23 \\ 75 & A & 23 \\ 110 & A & 16 \\ 220 & A & 1 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				
$\begin{array}{c cccc} & 110 & A & 6 \\ & 220 & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series} \\ & \leq 24 & A & 23 \\ & 48 & A & 23 \\ & 75 & A & 23 \\ & 110 & A & 16 \\ & 220 & A & 1 \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series} \\ & \leq 24 & A & 23 \\ & 48 & A & 23 \\ & 75 & A & 23 \\ & 48 & A & 23 \\ & 75 & A & 23 \end{array}$				
$\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 < 1ms with 2 poles in series				6
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		2200	A	-
$ \begin{array}{cccc} 48 \ensuremath{V} & \ensuremath{A} & 23 \\ 75 \ensuremath{V} & \ensuremath{A} & 23 \\ 110 \ensuremath{V} & \ensuremath{A} & 16 \\ 220 \ensuremath{V} & \ensuremath{A} & 16 \\ 220 \ensuremath{V} & \ensuremath{A} & 1 \\ \end{array} $ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $ \begin{array}{ccc} \leq 24 \ensuremath{V} & \ensuremath{A} & 23 \\ 48 \ensuremath{V} & \ensuremath{A} & 23 \\ 48 \ensuremath{V} & \ensuremath{A} & 23 \\ 75 \ensuremath{V} & \ensuremath{A} & 23 \\ \end{array} $	IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
$\begin{array}{cccc} 75 \ensuremath{V} & \ensuremath{A} & 23 \\ 110 \ensuremath{V} & \ensuremath{A} & 16 \\ 220 \ensuremath{V} & \ensuremath{A} & 1 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 3 poles in series $\begin{array}{cccc} \leq 24 \ensuremath{V} & \ensuremath{A} & 23 \\ 48 \ensuremath{V} & \ensuremath{A} & 23 \\ 75 \ensuremath{V} & \ensuremath{A} & 23 \end{array}$				
$\begin{tabular}{cccc} 110V & A & 16\\ 220V & A & 1\\ \hline \end{tabular}$ IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series $\begin{tabular}{cccc} \leq 24V & A & 23\\ 48V & A & 23\\ 75V & A & 23\\ \hline \end{tabular}$				
$\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 3 poles in series $\leq 24V$ A2348VA2375VA23				16
≤24V A 23 48V A 23 75V A 23		220V	Α	1
48V A 23 75V A 23	IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series			
75V A 23		≤24V	А	23
75V A 23		48V	А	23
		75V		
			А	



BF2510A12060 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 25A, AC COIL 60HZ, 120VAC, 1NO AUXILIARY CONTACT

220V А 12 IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series ≤24V А 48V А _ 75V А _ 110V А _ 220V А _ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series ≤24V А 15 48V 13 А 75V 13 А 110V А 2 220V А _ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series ≤24V А 18 48V А 18 75V А 16 110V А 10 220V А 2 IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series ≤24V А 22 48V 22 А 75V А 18 110V А 15 220V А 8 IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series ≤24V А 48V А 75V А _ 110V А _ 220V А Short-time allowable current for 10s (IEC/EN60947-1) А 200 Protection fuse gG (IEC) А 50 aM (IEC) А 25 Making capacity (RMS value) А 250 Breaking capacity at voltage 440V А 200 500V А 184 690V А 102 2.5 Resistance per pole (average value) mΩ Power dissipation per pole (average value) W 2.6 lth AC3 W 1.6 Tightening torque for terminals min Nm 1.5 max Nm 1.8 min Ibin 1.1 lbin 1.5 max Tightening torque for coil terminal min Nm 0.8 Nm 1 max

BF2510A12060

min

lbft

0.8



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 25A, AC COIL 60HZ, 120VAC, 1NO AUXILIARY CONTACT

BF2510A12060

		max	lbft	0.74
	simultaneously connectable		nr.	2
Conductor section				
	Flexible w/o lug conductor section			4
		min	mm²	1
	Flexible c/w lug conductor section	max	mm²	6
	Flexible C/W lug conductor section	min	mm²	1
		max	mm²	4
	Flexible with insulated spade lug conductor section			T
		min	mm²	1
		max	mm²	4
Power terminal protect	ction according to IEC/EN 60529			IP20 when wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fiving				Screw / DIN rail
Fixing				35mm
Weight			g	356
Auxiliary contact char	acteristics			
Type of contact				1 NO
Thermal current Ith			Α	10
IEC/EN 60947-5-1 de	esignation			A600 - P600
Operating current AC	15			
		230V	А	3
		400V	А	1.9
		500V	Α	1.4
Operating current DC	12			
		110V	Α	5.7
Operating current DC	13			
		24V	A	5.7
		48V	Α	2.9
		60V	Α	2.3
		110V	A	1.25
		125V	A	1.1
		220V	A	0.55
Oneretiene		600V	A	0.2
Operations			es cel	20000000
Mechanical life			cycles	2000000
Electrical life			cycles	1200000
Safety related data	10d according to EN/ISO 12490 1			
Performance level b	10d according to EN/ISO 13489-1	ممر ما اممر	مرامه	100000
	~	rated load nechanical load	cycles cycles	1200000 20000000
Mirror contate accord	ling to IEC/EN 609474-4-1		Cycles	
EMC compatibility	1119 10 120/211 0034/4-4-1			yes
Rated AC voltage at 6	60Hz		V	yes 120
AC coil operating			v	120
AC operating voltage				
no operating voltage	of 60Hz coil powered at 60Hz			
	pick-up			
	ριοις αρ	min	%Us	80
			,	

BF2510A12060



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 25A, AC COIL 60HZ, 120VAC, 1NO AUXILIARY CONTACT

Image: coll powered at 60Hz in of 50/60Hz coil powered at 60Hz in of 60Hz coil powered at 60Hz in Dissipation at holding ≤20°C 50Hz in Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Opening NC Ut technical data Full-load current (FLA) for three-phase AC motor	min % max %	6Us 2 6Us 9 VA 9 VA 9 VA 9 VA 9 VA 9	110 20 55 75 9 70 6.5 75 9 2.5 3600
AC average coil consumption at 20°C of 50/60Hz coil powered at 50Hz in of 50/60Hz coil powered at 60Hz in of 60Hz coil powered at 60Hz in Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Dening NC	max %	6Us 4 VA 9 VA 9 VA 9 VA 9 VA 9 VA 9 VA 9 VA 9	55 75 9 70 6.5 75 9 2.5
of 50/60Hz coil powered at 50Hz in of 50/60Hz coil powered at 60Hz in hc of 60Hz coil powered at 60Hz in hc Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Closing NC Closing NC UL technical data Full-load current (FLA) for three-phase AC motor	max %	6Us 4 VA 9 VA 9 VA 9 VA 9 VA 9 VA 9 VA 9 VA 9	55 75 9 70 6.5 75 9 2.5
of 50/60Hz coil powered at 50Hz in hc of 50/60Hz coil powered at 60Hz in hc of 60Hz coil powered at 60Hz in hc Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Closing NC Closing NC UL technical data Full-load current (FLA) for three-phase AC motor	-rush	VA VA VA VA VA VA VA	75 9 70 6.5 75 9 2.5
of 50/60Hz coil powered at 50Hz in hc of 50/60Hz coil powered at 60Hz in hc of 60Hz coil powered at 60Hz in hc Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	Iding	VA S VA VA VA S VA S VA S W S	9 70 6.5 75 9 2.5
in hc of 50/60Hz coil powered at 60Hz in hc of 60Hz coil powered at 60Hz in hc Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC UL technical data Full-load current (FLA) for three-phase AC motor	Iding	VA S VA VA VA S VA S VA S W S	9 70 6.5 75 9 2.5
Image: control of control of control of control of control of control opening NO Image: control opening NO Opening NO Closing NC UL technical data Full-load current (FLA) for three-phase AC motor	Iding	VA S VA VA VA S VA S VA S W S	9 70 6.5 75 9 2.5
of 50/60Hz coil powered at 60Hz in http://doi.org/10.00000000000000000000000000000000000	-rush	VA VA VA VA W	70 6.5 75 9 2.5
in hc of 60Hz coil powered at 60Hz in Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC UL technical data Full-load current (FLA) for three-phase AC motor	Iding	VA	6.5 75 9 2.5
Image: control of a contr	Iding	VA	6.5 75 9 2.5
of 60Hz coil powered at 60Hz in Image: Dissipation at holding ≤20°C 50Hz Image: Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Image: Dissipation at holding set of the	-rush N Iding N cyc	VA VA W	75 9 2.5
in hd Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Dening NC VL technical data Full-load current (FLA) for three-phase AC motor	Iding Y	VA 9 W 2	9 2.5
hc Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Dening NC VL technical data Full-load current (FLA) for three-phase AC motor	Iding Y	VA 9 W 2	9 2.5
Dissipation at holding ≤20°C 50Hz Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Opening NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	сус	W 2	2.5
Max cycles frequency Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	сус		
Mechanical operation Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Opening NC Opening NC Substruct of the second seco		cles/h	3600
Operating times Average time for Us control in AC Closing NO Opening NO Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor		cles/h	3600
Average time for Us control in AC Closing NO Opening NO Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	min r		
in AC Closing NO Opening NO Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	min r		
Closing NO Opening NO Closing NC Opening NC <u>UL technical data</u>	min r		
Opening NO Closing NC Opening NC <u>UL technical data</u> Full-load current (FLA) for three-phase AC motor	min r		
Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	min r		
Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor		ms a	8
Closing NC Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	max r	ms 2	24
Opening NC UL technical data Full-load current (FLA) for three-phase AC motor			
Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	min r		10
Opening NC UL technical data Full-load current (FLA) for three-phase AC motor	max r	ms 2	20
UL technical data Full-load current (FLA) for three-phase AC motor			
UL technical data Full-load current (FLA) for three-phase AC motor	min r		14
UL technical data Full-load current (FLA) for three-phase AC motor	max r	ms 2	28
Full-load current (FLA) for three-phase AC motor			
Full-load current (FLA) for three-phase AC motor			7
Full-load current (FLA) for three-phase AC motor	max r	ms	18
-1		_	
			21
	500V	A	17
Yielded mechanical performance			
for single-phase AC motor			0
			2
	230V H	HP :	3
for three-phase AC motor			7 6
200/			7.5
220/			7.5
460/- 575/			15 15
General USE			15
Contactor	rroot	^	22
AC cu	ment	A :	32
Auxiliary contacts		V ·	600
	ltogo		600
	U		10 250
DC ci	rrent		250 1
Short-circuit protection fuse, 600V	irrent Itage	~	1

Short-circuit protection fuse, 600V

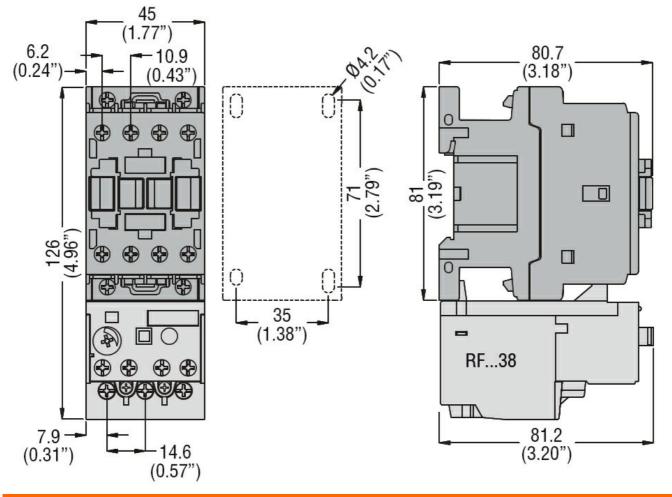


BF2510A12060 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 25A, AC COIL 60HZ,

	120VAC, 1	NO AUX	KILIARY CONT.	ACT
High fault	Short circuit current	kA	100	

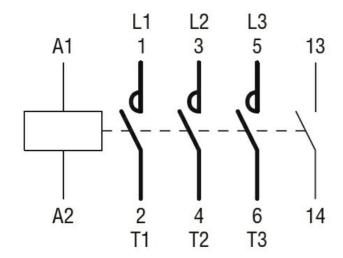
	Short circuit current	kA	100
	Fuse rating	А	60
	Fuse class		J
Standard fault			
	Short circuit current	kA	5
	Fuse rating	А	100
Contact rating of auxiliary contacts according to	o UL		A600 - P600
Ambient conditions			
Temperature			
Operating temperature	e		
	min	°C	-50
	max	°C	70
Storage temperature			
	min	°C	-60
	max	°C	80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensione			

Dimensions



Wiring diagrams





Certifications and compliance

Compliance

Compliance	
	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
Certificates	
	CCC
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching