



Induct type designationDrived type designationNumber of polesNr.4Rated insulation voltage Ui IEC/ENV690Rated impulse withstand voltage UimpKV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA25Operational current leAC-1 (≤40°C)A25AC-1 (≤55°C)A20AC-1 (≤55°C)A20AC-1 (≤55°C)A9AC-3 (≤440V ≤55°C)A9AC-4 (400V)A4.9Rated operational power AC-1 (T≤40°C)230VkW9.5400VkW16500VkW21690VkW21690VkW211EC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA1548VA1375VA12110VA6220VA18	Product designation Product type designation			Power contactor BF09
Number of polesNr.4Rated insulation voltage Ui IEC/ENV690Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA25Operational current leAC-1 (≤40°C)A25AC-1 (≤40°C)A25AC-1 (≤55°C)A20AC-3 (≤440V ≤55°C)A9AC-3 (≤440V ≤55°C)A9AC-4 (400V)A4.9Rated operational power AC-1 (T≤40°C)230VkWRated operational power AC-1 (T≤40°C)230VkW9.5400VkW16500VkW27IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA1548VA1375VA12110VA6220VA–IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA151EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA15110VA6220VA–110CNA6220VA–110CNA6220VA–				Ы 09
Rated insulation voltage Ui IEC/ENV690Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA25Operational current leAC-1 (≤40°C)A25AC-1 (≤55°C)A20AC-1 (≤55°C)A20AC-1 (≤55°C)A20AC-1 (≤55°C)A9AC-3 (≤440V ≤55°C)A9AC-4 (400V)A4.9Rated operational power AC-1 (T≤40°C)230VkW9.5400VkW16500VkW21690VkW21690VkW21IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA1548VA1375VA12110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA121EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA121EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA121EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA121EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA121EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24V<			Nr.	4
Rated impulse withstand voltage UimpkV6Operational frequencyminHz25maxHz400IEC Conventional free air thermal current lthA25Operational current leAC-1 (≤40°C)A25AC-1 (≤55°C)A20AC-1 (≤55°C)A20AC-1 (≤55°C)A9AC-1 (≤40°V)A4.9Rated operational power AC-1 (T≤40°C)230VkW9.5400VkW16S00VkW21690VkW21690VkW27IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series≤24VA1548VA1375VA12110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series≤24VA1548VA12110VA6220VA-1110VA6220VA-110VA6220VA-1				
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maxHz400IEC Conventional free air thermal current lthA25Operational current leAC-1 (≤40°C)A25AC-1 (≤55°C)A20AC-1 (≤55°C)A20AC-1 (≤70°C)A18AC-3 (≤440V ≤55°C)A9AC-3 (≤440V ≤55°C)A9AC-4 (400V)A4.9Rated operational power AC-1 (T≤40°C)230VkW9.5400VkW16500VkW21690VkW21690VkW27IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A1548VA1375VA12110VA6220VA-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 24V$ A151EC max current le in DC1 with L/R ≤ 1ms with 2 poles in series $\leq 22V$ A-				
IEC Conventional free air thermal current lthA25Operational current leAC-1 ($\leq 40^{\circ}$ C)A25AC-1 ($\leq 55^{\circ}$ C)A20AC-1 ($\leq 55^{\circ}$ C)A20AC-1 ($\leq 70^{\circ}$ C)A18AC-3 ($\leq 440V \leq 55^{\circ}$ C)A9AC-4 ($400V$)A4.9Rated operational power AC-1 (T $\leq 40^{\circ}$ C)230VkW9.5400VkW16500VkW21690VkW27IEC max current le in DC1 with L/R \leq 1ms with 1 poles in series $\leq 24V$ A1548VA1375VA12110VA6220VA-		min	Hz	25
Operational current leAC-1 ($\leq 40^{\circ}$ C)A25AC-1 ($\leq 55^{\circ}$ C)A20AC-1 ($\leq 55^{\circ}$ C)A9AC-3 ($\leq 440V \leq 55^{\circ}$ C)A9AC-4 ($400V$)A4.9Rated operational power AC-1 (T $\leq 40^{\circ}$ C)230VkW9.5400VkW16500VkW21690VkW27IEC max current le in DC1 with L/R \leq 1ms with 1 poles in series $\leq 24V$ A1548VA1375VA12110VA6220VA-IEC max current le in DC1 with L/R \leq 1ms with 2 poles in series		max	Hz	400
$\begin{array}{c cccc} AC-1 (\leq 40^{\circ} C) & A & 25 \\ AC-1 (\leq 55^{\circ} C) & A & 20 \\ AC-1 (\leq 70^{\circ} C) & A & 18 \\ AC-3 (\leq 440 V \leq 55^{\circ} C) & A & 9 \\ AC-4 (400 V) & A & 4.9 \\ \hline \end{array}$ Rated operational power AC-1 (T<40°C) $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	IEC Conventional free air thermal current Ith		А	25
$\begin{array}{ccccc} AC-1 (\leq 55^{\circ}C) & A & 20 \\ AC-1 (\leq 70^{\circ}C) & A & 18 \\ AC-3 (\leq 440V \leq 55^{\circ}C) & A & 9 \\ AC-4 (400V) & A & 4.9 \end{array}$ Rated operational power AC-1 (T≤40°C) $\begin{array}{cccc} 230V & kW & 9.5 \\ 400V & kW & 16 \\ 500V & kW & 21 \\ 690V & kW & 21 \\ 690V & kW & 27 \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\begin{array}{ccccc} \leq 24V & A & 15 \\ 48V & A & 13 \\ 75V & A & 12 \\ 110V & A & 6 \\ 220V & A & - \end{array}$ IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series	Operational current le			
$\begin{array}{cccc} AC-1 (\leq 70^{\circ} C) & A & 18 \\ AC-3 (\leq 440 \vee \leq 55^{\circ} C) & A & 9 \\ AC-4 (400 \vee) & A & 4.9 \end{array}$ Rated operational power AC-1 (T<40°C) $\begin{array}{cccc} 230 \vee & kW & 9.5 \\ 400 \vee & kW & 16 \\ 500 \vee & kW & 21 \\ 690 \vee & kW & 21 \\ 690 \vee & kW & 27 \end{array}$ IEC max current le in DC1 with L/R < 1ms with 1 poles in series $\begin{array}{ccccc} \leq 24 \vee & A & 15 \\ 48 \vee & A & 13 \\ 75 \vee & A & 12 \\ 110 \vee & A & 6 \\ 220 \vee & A & - \end{array}$ IEC max current le in DC1 with L/R < 1ms with 2 poles in series		AC-1 (≤40°C)	А	25
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		AC-1 (≤55°C)	А	20
AC-4 (400V)A4.9Rated operational power AC-1 (T≤40°C) $230V$ kW9.5 $400V$ kW16 $500V$ kW21 $690V$ kW27IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $\leq 24V$ A15 $48V$ A13 $75V$ A12 $110V$ A6 $220V$ A-			А	
Rated operational power AC-1 (T≤40°C) $230V$ kW9.5 $400V$ kW16 $500V$ kW21 $690V$ kW27IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series $≤24V$ A15 $48V$ A13 $75V$ A12 $110V$ A6 $220V$ A-IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series		· · · · · · · · · · · · · · · · · · ·	А	
$\begin{array}{c cccc} 230 V & kW & 9.5 \\ 400 V & kW & 16 \\ 500 V & kW & 21 \\ 690 V & kW & 27 \end{array}$ $\begin{array}{c ccccccccccccccccccccccccccccccccccc$		AC-4 (400V)	Α	4.9
$ \begin{array}{ccc} 400 \vee & kW & 16 \\ 500 \vee & kW & 21 \\ 690 \vee & kW & 27 \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} \\ & \leq 24 \vee & A & 15 \\ 48 \vee & A & 13 \\ 75 \vee & A & 12 \\ 110 \vee & A & 6 \\ 220 \vee & A & - \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} \\ \hline \end{array} $	Rated operational power AC-1 (T≤40°C)			
$ \begin{array}{c c} 500 V & kW & 21 \\ \hline 690 V & kW & 27 \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 1 poles in series} \\ \hline \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$				
690VkW27IEC max current le in DC1 with L/R \leq 1ms with 1 poles in series $\leq 24V$ A1548VA131375VA12110VA6220VA-220VA-IEC max current le in DC1 with L/R \leq 1ms with 2 poles in seriesIECIECIECIEC				
IEC max current le in DC1 with L/R < 1ms with 1 poles in series				
$ \begin{array}{cccc} \leq 24 \text{V} & \text{A} & 15 \\ & 48 \text{V} & \text{A} & 13 \\ & 75 \text{V} & \text{A} & 12 \\ & 110 \text{V} & \text{A} & 6 \\ & 220 \text{V} & \text{A} & - \end{array} \\ \hline \text{IEC max current le in DC1 with L/R < 1ms with 2 poles in series} \end{array} $		690V	kW	27
$ \begin{array}{ccc} 48 V & A & 13 \\ 75 V & A & 12 \\ 110 V & A & 6 \\ 220 V & A & - \\ \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} } \end{array} $	IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			. –
$ \begin{array}{cccc} 75 V & A & 12 \\ 110 V & A & 6 \\ 220 V & A & - \\ \end{array} \\ \hline \mbox{IEC max current le in DC1 with L/R \le 1ms with 2 poles in series} \end{array} $				
$\begin{tabular}{ccc} 110V & A & 6\\ 220V & A & -\\ \hline \end{tabular}$ IEC max current le in DC1 with L/R < 1ms with 2 poles in series				
220V A - IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series 220V A -				
IEC max current le in DC1 with L/R ≤ 1ms with 2 poles in series				
	$I \subseteq C$ many summer to in $D \subseteq A$ with $L/D \leq A$ may with Q rades in series	2200	A	-
≥24V A 18	IEC max current ie in DC1 with $L/R \le 1$ ms with 2 poles in series	<0.01/	۸	10
48V A 18 75V A 17				
110V A 12				
220V A 1				
IEC max current le in DC1 with L/R \leq 1ms with 3 poles in series	IFC max current le in DC1 with $L/R \le 1$ ms with 3 notes in series	2201		I
≤24V A 20		<24\/	А	20
48V A 20				
75V A 20				
110V A 15				
220V A 10				
IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series	IEC max current le in DC1 with L/R ≤ 1ms with 4 poles in series		-	
≤24V A 20		≤24V	А	20
48V A 20				
75V A 20				
110V A 16				
220V A 12				

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IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series			
	≤24V	A	10
	48V	A	9
	75V	A	8
	110V	A	2
	220V	A	_
IEC max current le in DC3-DC5 with L/R \leq 15ms with 2 poles in series			
	≤24V	Α	13
	48V	А	11
	75V	А	10
	110V	А	7
	220V	Α	2
IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
	≤24V	А	15
	48V	А	15
	75V	А	13
	110V	А	11
	220V	А	6
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
	≤24V	А	15
	48V	A	15
	75V	A	15
	110V	A	12
	220V	A	7
Short-time allowable current for 10s (IEC/EN60947-1)	220 V	A	150
		A	150
Protection fuse		^	05
	gG (IEC)	A	25
	aM (IEC)	<u>A</u>	10
Making capacity (RMS value)		А	90
Breaking capacity at voltage		-	
	440V	A	72
	500V	А	72
	690V	А	71
Resistance per pole (average value)		mΩ	2.5
Power dissipation per pole (average value)			
	lth	W	1.6
	AC-3	W	0.2
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
	min	Ibin	0.8
		Ibin	0.74
Max number of wires simultaneously connectable	max		
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	max		10
Flexible w/o lug conductor section			
	min	mm²	1

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FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 25A, AC COIL 50/60HZ, 230VAC

		max	mm²	6
	Flexible c/w lug conductor section	Παλ		0
		min	mm²	1
		max	mm²	4
	Flexible with insulated spade lug conductor s			•
		min	mm²	1
		max	mm²	4
				IP20 when
Power terminal protec	tion according to IEC/EN 60529			properly wired
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	356
Conductor section			3	
	AWG/kcmil conductor section			
		max		10
Operations				-
Mechanical life			cycles	20000000
Electrical life			cycles	2000000
Safety related data			.,	
	0d according to EN/ISO 13489-1			
	5	rated load	cycles	2000000
		mechanical load	cycles	20000000
Mirror contats accordi	ng to IEC/EN 609474-4-1			yes
EMC compatibility				yes
AC coil operating				
Rated AC voltage at 5	0/60Hz		V	230
AC operating voltage				
	of 50/60Hz coil powered at 50Hz			
	pick-up			
		min	%Us	80
		max	%Us	110
	drop-out	<u>.</u>	0/17	
		min	%Us	20
		max	%Us	55
	of 50/60Hz coil powered at 60Hz			
	pick-up	*-	0/11-	05
		min	%Us	85
	drop out	max	%Us	110
	drop-out	min	%Us	20
		min max	%Us %Us	20 55
AC average coil consu	umption at 20°C	IIIdX	/003	00
	of 50/60Hz coil powered at 50Hz			
		in-rush	VA	75
		holding	VA VA	9
	of 50/60Hz coil powered at 60Hz	noiding	V/1	5
		in-rush	VA	70
		holding	VA	6.5
	of 60Hz coil powered at 60Hz	lioiding	., (2.2
		in-rush	VA	75
			•••	

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



FOUR-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 25A, AC COIL 50/60HZ, 230VAC

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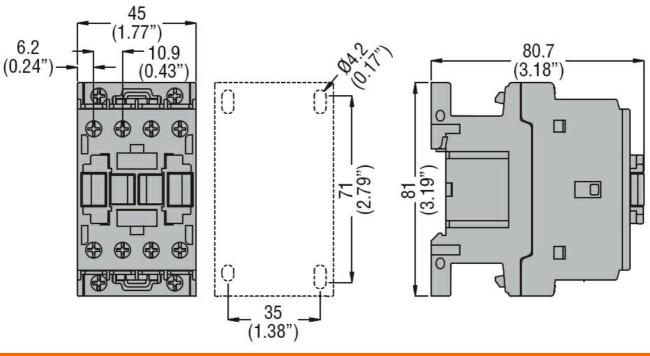
Jisspation at holding 220°C 50Hz W 2.5 Max cycles (requency) cycles/h 3600 Average time for Us control in AC min ms 8 Verage time for Us control in AC min ms 8 Opening NO min ms 10 Closing NC min ms 12 Opening NC min ms 14 max ms 28 0 Opening NC min ms 14 max ms 28 0 Ut technical data min ms 7 Ut tech			holding	VA	9
Mechanical operation cycles/h 3600 Operating times	Dissipation at holdin	g ≤20°C 50Hz	0_		
Operating times Average time for Us control in AC Closing NO min ms Max ms Opening NO min ms Closing NC min ms Opening NC min ms Time Close of the control					
in AC in AC Closing NO max ms 8 Approximation of the second of	Mechanical operatio	n		cycles/h	3600
in AC Closing NO min ms 8 Closing NO min ms 10 max ms 20 min ms 10 max ms 20 min ms 14 max ms 18 Closing NC min ms 7 max N 5 Standard fault Short circuit current KA 100 Fuse rating A 60 Contactor Fuse rating A 60 Fuse rating	Operating times				
Closing NO max ms 8 24 Opening NO max ms 10 max ms 20 Closing NC min ms 14 max ms 28 Opening NC min ms 14 max ms 28 28 Opening NC min ms 14 max ms 7 7 max ms 18 7 JL technical data ms 7 7 Full-load current (FLA) for three-phase AC motor 4460/480V A 7.6 fielded mechanical performance for single-phase AC motor 200/208/V HP 2 for three-phase AC motor 200/208/V HP 3 220/23/V HP 3 220/230V HP 3 220/23/V HP 3 220/23/V HP 3 3eneral USE Contactor AC current A 25 5	Average time for Us	control			
min ms 8 Opening NO min ms 24 max ms 20 Closing NC min ms 10 max ms 28 Opening NC max ms 14 max ms 14 max ms 28 Opening NC max ms 18 14 max ms 18 JL technical data max ms 18 14 100 10					
Opening NO min ms 24 Opening NO min ms 10 max ms 20 Closing NC min ms 14 Opening NC min ms 7 Opening NC min ms 7 Ut technical data min ms 7 Full-load current (FLA) for three-phase AC motor at 480V A 7.6 fielded mechanical performance at 600V A 0.375 fielded mechanical performance 110/120V HP 0.375 for three-phase AC motor 200/208V HP 3 220/230V HP 3 220/200V for three-phase AC motor 200/208V HP 3 260/40V HP 5 5 for three-phase AC motor A 25 General USE Contactor A 25 Short-circuit protection fuse, 600V HP 5 5 Fuse rating A 30		Closing NO			
Opening NO min ms 10 mix ms 20 Closing NC min ms 14 min ms 28 Opening NC min ms 7 min ms 7 ms 18 U technical data min ms 7 Full-load current (FLA) for three-phase AC motor at 800V A 7.6 fielded mechanical performance for single-phase AC motor 10/120V HP 0.375 fielded mechanical performance for three-phase AC motor 200/208V HP 3 220/203V HP 3 220/203V HP 3 3200/203V HP 3 220/203V HP 3 3200/203V HP 3 30 220/201V HP 3 3460/480V HP 7.5 3 30 30 30 30 Fuse rating A 30 30 30 30 30 <td></td> <td></td> <td>min</td> <td>ms</td> <td></td>			min	ms	
min max ms 10 Closing NC min ms 20 min ms 14 max ms 28 Opening NC min ms 7 ms 7			max	ms	24
$\begin{tabular}{l l l l l l l l l l l l l l l l l l l $		Opening NO			
Closing NC $\begin{tabular}{ c $					
$\begin{tabular}{ c c c c c } & & & & & & & & & & & & & & & & & & &$			max	ms	20
$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$		Closing NC			
Opening NC min ms 7 JL technical data ms 18 Full-load current (FLA) for three-phase AC motor at 480V A 7.6 at 600V A 0.375 //ielded mechanical performance for single-phase AC motor 110/120V HP 0.75 230V HP 2 2 2 2 2 for three-phase AC motor 200/208V HP 3 2 <td></td> <td></td> <td></td> <td></td> <td></td>					
$\begin{array}{c c c c c c } & & & & & & & & & & & & & & & & & & &$			max	ms	28
$\begin{tabular}{ c $		Opening NC			_
JL technical data Full-load current (FLA) for three-phase AC motor at 600V A 7.6 at 600V for single-phase AC motor 110/120V HP 0.75 230V HP 2 110/120V HP 3 for three-phase AC motor 200/208V HP 3 220/230V HP 3 220/230V HP 3 460/480V HP 5 575/600V HP 7.5 General USE Contactor AC current A 25 5 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 30 Fuse class J 30 Standard fault Short circuit current KA 5 60 Ambient conditions Fuse rating A 60 Ambient conditions Fuse rating A 60 Ambient conditions Fuse rating A 60 Max altitude min< *C					
Full-load current (FLA) for three-phase AC motor at 480V A 7.6 at 600V A 0.375 fielded mechanical performance for single-phase AC motor 110/120V HP 0.75 230V HP 2 110/120V HP 3 for three-phase AC motor 200/208V HP 3 220/230V HP 3 460/480V HP 5 General USE Contactor AC current A 25 Short-circuit protection fuse, 600V HP A 30 Fuse rating A 30 Fuse class J Short circuit current KA 100 Fuse class J Ambient conditions Standard fault Short circuit current KA 5 5 Fuse rating A 60 A 60 A 60 Ambient conditions Fuse class J S S S S Fuse rating A 60 A 60 A 60			max	ms	18
at 480V at 600VA7.6 at 600VTielded mechanical performance for single-phase AC motor $110/120V$ $230V$ HP0.75 $230V$ $20/208V$ $41P$ HP3 $220/230V$ $20/208V$ $40/480V$ HP3 $3460/480V$ $460/480V$ $41P$ HP5 $575/600V$ General USE ContactorAC current $AC current$ A 25 Short-circuit protection fuse, 600V High faultHigh fault $Fuse ratingFuse ratingA3040300Fuse class3JStandard faultShort circuit currentFuse ratingAKA5Fuse ratingA60Ambient conditionsFuse ratingCA6070Storage temperaturemaxCC707070Storage temperatureminCCC60maxC80maxCC7070Storage temperatureminCCC80Max altitudemaxCC70Resistance & ProtectionmaxCC70$					
at 600V A 0.375 fielded mechanical performance for single-phase AC motor 110/120V HP 0.75 230V HP 2 20/208V HP 3 for three-phase AC motor 200/208V HP 3 220/300V HP 3 3 220/200V HP 3 3 220/200V HP 3 3 220/200V HP 3 3 220/200V HP 3 3 3200/4080V HP 5 5 General USE Contactor A 25 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 5 5 5 Short circuit protection fuse, 600V High fault Short circuit current kA 5 Fuse rating A 60 A 60 Ambient conditions C 70 5 Fene rating <td>Full-load current (FL</td> <td>A) for three-phase AC motor</td> <td></td> <td></td> <td></td>	Full-load current (FL	A) for three-phase AC motor			
Vielded mechanical performance for single-phase AC motor 110/120V HP 0.75 230V HP 2 for three-phase AC motor 200/208V HP 3 220/208V HP 3 460/48V HP 5 575/600V HP 7.5 General USE Contactor AC current A 25 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 60 Ambient conditions Femperature Operating temperature Max altitude Max altitude Max altitude Resistance & Protection					
for single-phase AC motor 110/120V HP 0.75 230V HP 3 220/230V HP 3 220/230V HP 3 220/230V HP 3 220/230V HP 3 460/480V HP 3 460/480V HP 5 General USE Contactor AC current A 25 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 30 Euse class J Standard fault Short circuit current KA 5 60 Standard fault Short circuit current kA 5 Fuse rating A 60 Standard fault			at 600V	A	0.375
110/120V HP 0.75 230V HP 2 for three-phase AC motor 200/208V HP 3 220/230V HP 3 220/230V HP 3 220/230V HP 3 220/230V HP 3 300 460/480V HP 5 575/600V HP 7.5 General USE Contactor A 25 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 30 Standard fault Short circuit current kA 5 Ambient conditions Fuse rating A 60 A 60 Ambient conditions Fuse rating A 60 A 60 Ambient conditions Fuse rating A 60 A 60 Ambient conditions <	Yielded mechanical	-			
430V HP 2 for three-phase AC motor 200/208V HP 3 220/208V HP 3 30 220/208V HP 3 30 220/208V HP 3 30 220/208V HP 3 30 220/208V HP 5 5 General USE Contactor AC current A 25 Short-circuit protection fuse, 600V High fault A 30 Short-circuit protection fuse, 600V High fault KA 100 Fuse rating A 30 2 Standard fault Short circuit current KA 5 Fuse rating A 60 60 Ambient conditions KA 5 60 Temperature Operating temperature min °C -50 max °C 70 70 70 Storage temperature min °C -60 max °C		for single-phase AC motor			
for three-phase AC motor 200/208V HP 3 220/230V HP 3 220/230V HP 3 220/230V HP 3 460/480V HP 5 General USE 575/600V HP 7.5 5 General USE Contactor AC current A 25 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J 5 Standard fault Short circuit current kA 5 5 Femperature Operating temperature min °C -50 Max °C 70 5 5 Storage temperature min °C -60 Max altitude m 3000 60					
200/208V HP 3 220/230V HP 3 220/230V HP 3 460/480V HP 5 Seneral USE 575/600V HP 7.5 General USE AC current A 25 Short-circuit protection fuse, 600V High fault A 100 Fuse rating A 30 100 Fuse class J 30 100 Standard fault Short circuit current kA 5 Fuse rating A 60 60 Ambient conditions Fuse rating A 60 Ambient conditions C -50 70 Storage temperature min °C -50 max °C 70 30 Storage temperature min<			230V	HP	2
$\begin{array}{c c c c c c c } & 220/230V & HP & 3 \\ & 460/480V & HP & 5 \\ & 575/600V & HP & 7.5 \end{array}$		for three-phase AC motor			
$\begin{array}{c c c c c c } & 460/480V & HP & 5\\ \hline 575/600V & HP & 7.5\\ \hline \end{array}$					
Standard fault Short circuit current KA 100 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 60 Ambient conditions Fuse rating A 60 Perperature Operating temperature min °C -50 Storage temperature min °C -60 Wax altitude min °C -60					
General USE Contactor AC current A 25 Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse rating A 30 Standard fault Short circuit current kA 5 Fuse rating A 60 Ambient conditions Fuse rating A 60 A 60 A Correction Max °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Wax altitude m 3000 A 3000 A 300					
Contactor AC current A 25 Short-circuit protection fuse, 600V High fault IOO IOO Fuse rating A 30 IOO Fuse rating A 30 IOO Fuse rating A 30 IOO Standard fault Short circuit current KA 5 Standard fault Short circuit current KA 5 Ambient conditions Fuse rating A 60 Ambient conditions IOPerating temperature Imin °C -50 Max °C 70 IOO IOO IOO Storage temperature Imin °C -60 IOO Max altitude min °C 80 IOO Resistance & Protection Imin 3000 Imin			575/600V	HP	7.5
AC current A 25 Short-circuit protection fuse, 600V High fault Short circuit current KA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current KA 5 Fuse rating A 60 Ambient conditions Femperature Operating temperature Operating temperature Min °C -50 max °C 70 Storage temperature Min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection	General USE				
Short-circuit protection fuse, 600V High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 60 Ambient conditions Temperature Operating temperature Max altitude min °C -60 max °C 80 Max altitude min 3000		Contactor			
High fault Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 60 Ambient conditions Fuse rating A 60 Ambient conditions Fuse rating A 60 Operating temperature min °C -50 Max altitude min °C -60 Max altitude m 3000 -60			AC current	A	25
Short circuit current kA 100 Fuse rating A 30 Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 60 Ambient conditions Fuse rating C -50 Fuse rating Max °C -50 Max altitude min °C -60 Max altitude m 3000 -60 Resistance & Protection Max -60 -60	Short-circuit protecti				
Fuse rating Fuse class A 30 Standard fault J Short circuit current Fuse rating A KA 5 Ambient conditions Fuse rating Fuse rating A 60 Ambient conditions V 60 Coperating temperature V -50 Max °C -50 Max °C 70 Storage temperature V -60 Max altitude m 3000 Resistance & Protection V -60		High fault			
Fuse class J Standard fault Short circuit current kA 5 Fuse rating A 60 Ambient conditions Femperature min °C -50 Coperating temperature min °C -50 Storage temperature min °C -60 Max altitude m 3000 Resistance & Protection Waxaltitude m 3000					
Standard fault Short circuit current kA 5 Fuse rating A 60 Ambient conditions Fuse rating A 60 Temperature Operating temperature min °C -50 Max °C 70 70 Storage temperature min °C -60 Max altitude min °C 80 max °C 80 Resistance & Protection Fotection Max altitude m 3000			-	A	
Short circuit current Fuse rating kA 5 Ambient conditions A 60 Ambient conditions Image: Condition of the conditis of the condition of the condition of the			Fuse class		J
Fuse rating A 60 Ambient conditions Femperature Image: C -50 Performance min °C -50 Max °C 70		Standard fault			
Ambient conditions Femperature Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection For a content of the second of t					
Femperature Min °C -50 min °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection			Fuse rating	A	60
Operating temperature min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection					
min °C -50 max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection	Temperature				
max °C 70 Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Kerket Kerket		Operating temperature			
Storage temperature min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection Image: Construction Image: Construction					
min °C -60 max °C 80 Max altitude m 3000 Resistance & Protection General Content of the second of the se			max	°C	70
max°C80Max altitudem3000Resistance & Protectionm3000		Storage temperature			
Max altitude m 3000 Resistance & Protection			min		
Resistance & Protection			max	°C	
	Max altitude			m	3000
Pollution degree 3		ction			
	Pollution degree				3

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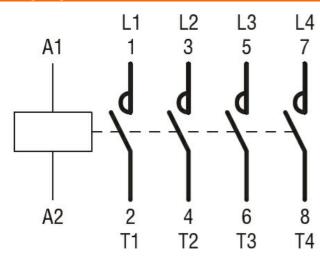
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



Dimensions



Wiring diagrams



Certifications and compliance

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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		
		EC000066 -
ETIM 8.0		Power contactor,
		AC switching