



Contact characteristics     Nr.     3       Number of poles     Nr.     3       Rated insulation voltage Ui IEC/EN     V     690       Rated insulation voltage Uimp     KV     8       Operational frequency     min     Hz     25       max     Hz     400     1250       Operational free air thermal current lth     A     1250       Operational current le     AC-1 (≤40°C)     A     1250       AC-1 (≤55°C)     A     1050     AC-1 (≤55°C)     A     1050       AC-1 (≤70°C)     A     880     Rated operational power AC-1 (T≤40°C)     230V     kW     480       Short-time allowable current for 10s (IEC/EN60947-1)     A     6500     Protection fuse     G(IEC)     A     1250       Making capacity (RMS value)     G     A     6300     500V     A     6300       Breaking capacity at voltage     440V     A     6300     690V     A     5000       Resistance per pole (average value)     mΩ     7     Power dissipation per pole (average value)     min	Product designation Product type designation			Power contactor B1250
Number of polesNr.3Rated insulation voltage Ui IEC/ENV690Rated inpulse withstand voltage UimpkV8Operational frequencyminHz25maxHz400400IEC Conventional free air thermal current IthA1250Operational current leAC-1 (s40°C)A1250AC-1 (s55°C)A1050AC-1 (s55°C)ARated operational power AC-1 (TS40°C)230VkW480400VkW830500VkW1450Short-time allowable current for 10s (IEC/EN60947-1)A65006500Protection fusegG (IEC)A1250Making capacity (RMS value)A6300500VABreaking capacity (rMS value)mnQ77Power dissipation per pole (average value)minNm35min<				51200
Rated insulation voltage Ui IEC/EN   V   690     Rated impulse withstand voltage Uimp   KV   8     Operational frequency   min   Hz   25     max   Hz   400     IEC Conventional free air thermal current lth   A   1250     Operational current le   AC-1 (s40°C)   A   1250     AC-1 (s55°C)   A   1050   AC-1 (s55°C)   A   1050     Rated operational power AC-1 (T≤40°C)   230V   kW   480   400V   kW   830     Short-time allowable current for 10s (IEC/EN60947-1)   A   6500   690V   kW   1450     Short-time allowable current for 10s (IEC/EN60947-1)   A   6300   6300   690V   A   6300     Breaking capacity (RMS value)   A   6300   500V   A   6300   690V   A   6300     Breaking capacity (RMS value)   max   Ma   7   7   7   7     Power dissipation per pole (average value)   min   Min   35   max   Nm   35     Max number of wires simultaneously connectable   Nr.   2			Nr.	3
Rated impulse withstand voltage Uimp     kV     8       Operational frequency     min     Hz     25       max     Hz     400       IEC Conventional free air thermal current lth     A     1250       Operational current le     AC-1 (≤40°C)     A     1250       AC-1 (≤55°C)     A     1050     AC-1 (≤55°C)     A     1050       AC-1 (≤70°C)     A     880     Rated operational power AC-1 (T≤40°C)     230V     kW     480       400V     kW     830     500V     kW     1105       Short-time allowable current for 10s (IEC/EN60947-1)     A     6500     Protection fuse     GG (IEC)     A     1250       Making capacity (RMS value)     A     6300     Short-time allowable current for 10s (IEC/EN60947-1)     A     6300       Breaking capacity (RMS value)     A     6300     A     6300       Breaking capacity (RMS value)     M     A     6300     Short-       Making capacity at voltage     440V     A     6300     Shord-       Maxing capacity at voltage     min<			V	690
Operational frequency     min     Hz     25       max     Hz     400       IEC Conventional free air thermal current lth     A     1250       Operational current le     AC-1 (st5°C)     A     1250       AC-1 (st5°C)     A     1050     AC-1 (st5°C)     A     1050       AC-1 (st5°C)     A     1050     AC-1 (st5°C)     A     880       Rated operational power AC-1 (T≤40°C)     230V     kW     480     400V     kW     830       Short-time allowable current for 10s (IEC/EN60947-1)     A     6500     Protection fuse     gG (IEC)     A     1250       Making capacity (RMS value)     A     6300     500V     A     6300       Breaking capacity at voltage     440V     A     6300     500V     A     5000       Resistance per pole (average value)     mΩ     7     7     7     7     7       Power dissipation per pole (average value)     mín     Nm     35     35     35     35     35     35     35     35     35			kV	8
max     Hz     400       IEC Conventional free air thermal current lth     A     1250       Operational current le     AC-1 (≤40°C)     A     1250       AC-1 (≤55°C)     A     1050     AC-1 (≤55°C)     A     1050       AC-1 (≤70°C)     A     880     Rated operational power AC-1 (T≤40°C)     XWW     480       Rated operational power AC-1 (T≤40°C)     230V     kW     480       400V     kW     830     500V     kW     480       400V     kW     480     6500     6500     kW     1100       Frotection fuse     gG (IEC)     A     1250     6300     6300     6300       Breaking capacity (RMS value)     A     6300     630				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		min	Hz	25
Operational current le     AC-1 (\$40°C)     A     1250       AC-1 (\$55°C)     A     1050     AC-1 (\$55°C)     A     1050       AC-1 (\$70°C)     A     880     Rated operational power AC-1 (T\$40°C)     230V     kW     480       400V     kW     830     500V     kW     480       400V     kW     830     500V     kW     1100       690V     kW     1450     6500     700     8     800       Protection fuse     gG (IEC)     A     1250     1250     1250     1250       Making capacity (RMS value)     A     6300     500V     A     5600     690V     A     5000       Breaking capacity at voltage     440V     A     6300     500V     A     5600     690V     A     5000       Resistance per pole (average value)     mΩ     7     7     7     7       Power dissipation per pole (average value)     mín     Nm     35     max     110     110       Tightening torque for term		max	Hz	400
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	IEC Conventional free air thermal current Ith		А	1250
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Operational current le			
AC-1 ( $\leq$ 70°C)A880Rated operational power AC-1 (T<40°C)		. ,	Α	
Rated operational power AC-1 (T≤40°C)230VkW480400VkW830500VkW1100690VkW1450Short-time allowable current for 10s (IEC/EN60947-1)A6500Protection fusegG (IEC)A1250Making capacity (RMS value)A6300Breaking capacity at voltage440VA6300Gene690VA5000Resistance per pole (average value)mΩ7Power dissipation per pole (average value)mínNm35maxNm35minIbin25.8Max number of wires simultaneously connectableNr.2Conductor sectionAWG/KcmilMax2x 1500kcPooe		. ,		
$\begin{array}{c cccc} 230 & kW & 480 \\ 400 & kW & 830 \\ 500 & kW & 1100 \\ 690 & kW & 1450 \\ \hline \end{array}$		AC-1 (≤70°C)	A	880
$\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)			
500V     kW     1100       690V     kW     1450       Short-time allowable current for 10s (IEC/EN60947-1)     A     6500       Protection fuse     gG (IEC)     A     1250       Making capacity (RMS value)     A     6300       Breaking capacity at voltage     440V     A     6300       440V     A     6300     500V     A     5600       690V     A     5000     A     5600     690V     A     5000       Resistance per pole (average value)     mΩ     7     7     Power dissipation per pole (average value)     Tightening torque for terminals     min     Nm     35       Max< number of wires simultaneously connectable				
690V     kW     1450       Short-time allowable current for 10s (IEC/EN60947-1)     A     6500       Protection fuse     gG (IEC)     A     1250       Making capacity (RMS value)     A     6300     Breaking capacity at voltage       440V     A     6300     500V     A     6300       Breaking capacity at voltage     440V     A     6300     500V     A     5600       Resistance per pole (average value)     mΩ     7     Power dissipation per pole (average value)     Tightening torque for terminals     min     Nm     35       Max< number of wires simultaneously connectable				
Short-time allowable current for 10s (IEC/EN60947-1)   A   6500     Protection fuse   gG (IEC)   A   1250     Making capacity (RMS value)   A   6300     Breaking capacity at voltage   440V   A   6300     Breaking capacity at voltage   440V   A   6300     Breaking capacity at voltage   7   7     Power dissipation per pole (average value)   mΩ   7     Power dissipation per pole (average value)   Ith   W   110     Tightening torque for terminals   min   Nm   35     Max number of wires simultaneously connectable   Nr.   2     Conductor section   AWG/Kcmil   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00   IP00				
Protection fusegG (IEC)A1250Making capacity (RMS value)A6300Breaking capacity at voltage $440V$ A6300 $500V$ A5600 $690V$ A5000Resistance per pole (average value) $m\Omega$ 7Power dissipation per pole (average value)IthW110Tightening torque for terminalsminNm35maxNm35minIbin25.8Max number of wires simultaneously connectableNr.2Conductor sectionAwg/KcmilMax2x 1500kc1P00		690V		
gG (IEC)     A     1250       Making capacity (RMS value)     A     6300       Breaking capacity at voltage     440V     A     6300       Breaking capacity at voltage     440V     A     6300       Solv     A     5600     690V     A     5000       Resistance per pole (average value)     mΩ     7       Power dissipation per pole (average value)     th     W     110       Tightening torque for terminals     min     Nm     35       Max number of wires simultaneously connectable     Nr.     2       Conductor section     AWG/Kcmil     XI 500kc       Power terminal protection according to IEC/EN 60529     IP00			A	6500
Making capacity (RMS value)   A   6300     Breaking capacity at voltage   440V   A   6300     Streaking capacity at voltage   90V   A   5600     Streaking capacity at voltage   m0   7     Power dissipation per pole (average value)   Ith   W   110     Tightening torque for terminals   min   Nm   35     max   Nm   35   max   Ibin   25.8     Max number of wires simultaneously connectable   Nr.   2   Conductor section     AWG/Kcmil   Max   2x 1500kc   1P00	Protection fuse		_	
Breaking capacity at voltage     440V     A     6300       500V     A     5600     690V     A     5000       Resistance per pole (average value)     mΩ     7     7       Power dissipation per pole (average value)     Ith     W     110       Tightening torque for terminals     min     Nm     35       max     Nm     35     min       Max number of wires simultaneously connectable     Nr.     2       Conductor section     AWG/Kcmil     max     2x 1500kc       Power terminal protection according to IEC/EN 60529     IP00     IP00		gG (IEC)		
440V     A     6300       500V     A     5600       690V     A     5000       Resistance per pole (average value)     mΩ     7       Power dissipation per pole (average value)     Ith     W     110       Tightening torque for terminals     min     Nm     35       max     Nm     35     min     Ibin     25.8       Max number of wires simultaneously connectable     Nr.     2     Conductor section       AWG/Kcmil     max     2x 1500kc     IP00			A	6300
500V     A     5600       690V     A     5000       Resistance per pole (average value)     mΩ     7       Power dissipation per pole (average value)     Ith     W     110       Tightening torque for terminals     min     Nm     35       Max number of wires simultaneously connectable     Nr.     2       Conductor section     AWG/Kcmil     max     2x 1500kc       Power terminal protection according to IEC/EN 60529     IP00     IP00	Breaking capacity at voltage			
690VA5000Resistance per pole (average value)mΩ7Power dissipation per pole (average value)IthW110Tightening torque for terminalsminNm35maxNm35maxNmMax number of wires simultaneously connectableNr.2Conductor sectionAWG/Kcmilmax2x 1500kcPower terminal protection according to IEC/EN 60529IP00IP00				
Resistance per pole (average value)   mΩ   7     Power dissipation per pole (average value)   Ith   W   110     Tightening torque for terminals   min   Nm   35     min   Ibin   25.8     max   Ibin   25.8     Max number of wires simultaneously connectable   Nr.   2     Conductor section   AWG/Kcmil   max   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00   IP00				
Power dissipation per pole (average value)   Ith   W   110     Tightening torque for terminals   min   Nm   35     max   Nm   35     min   Ibin   25.8     Max number of wires simultaneously connectable   Nr.   2     Conductor section   AWG/Kcmil   max   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00   IP00		690V		
IthW110Tightening torque for terminalsminNm35maxNm35maxNm35minIbin25.8maxIbin25.8Max number of wires simultaneously connectableNr.22Conductor sectionAWG/Kcmilmax2x 1500kcPower terminal protection according to IEC/EN 60529IP00			mΩ	1
Tightening torque for terminals   min   Nm   35     min   Nm   35     max   Nm   35     min   Ibin   25.8     Max number of wires simultaneously connectable   Nr.   2     Conductor section   AWG/Kcmil   max   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00   IP00	Power dissipation per pole (average value)	141-	147	440
min   Nm   35     max   Nm   35     min   Ibin   25.8     max   Ibin   25.8     Max number of wires simultaneously connectable   Nr.   2     Conductor section   Nr.   2     AWG/Kcmil   max   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00	Tink to size to some for to sole	Ith	VV	110
maxNm35minIbin25.8maxIbin25.8Max number of wires simultaneously connectableNr.2Conductor sectionNr.2MWG/Kcmilmax2x 1500kcPower terminal protection according to IEC/EN 60529IP00	lightening torque for terminals		Nim	05
min Ibin 25.8   max Ibin 25.8   Max number of wires simultaneously connectable Nr. 2   Conductor section AWG/Kcmil max 2x 1500kc   Power terminal protection according to IEC/EN 60529 IP00 IP00				
max   Ibin   25.8     Max number of wires simultaneously connectable   Nr.   2     Conductor section   Max   2     AWG/Kcmil   max   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00				
Max number of wires simultaneously connectable   Nr.   2     Conductor section   AWG/Kcmil   2x 1500kc     Power terminal protection according to IEC/EN 60529   IP00				
Conductor section AWG/Kcmil   max 2x 1500kc   Power terminal protection according to IEC/EN 60529 IP00	Max number of wires simultaneously connectable	Шал		
AWG/Kcmil max 2x 1500kc Power terminal protection according to IEC/EN 60529 IP00			INI.	Z
max2x 1500kcPower terminal protection according to IEC/EN 60529IP00				
Power terminal protection according to IEC/EN 60529 IP00		may		2x 1500kcmil
	Power terminal protection according to IEC/EN 60529	max		
Operating position				
		normal		Vertical plan
allowable ±30°				-
Fixing Screw	Fixing			

11B125024220



**11B125024220** THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1250A, AC COIL, 220...240VAC

Weight	g	4820
Conductor section		

AWG/kcmil conductor section
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AWG/kcmil conductor section	max		2x 1500kcmil
Auxiliary contact characteristics			
Thermal current Ith		А	16
IEC/EN 60947-5-1 designation			A600 - P600
Operating current AC15			
	230V	А	3
	400V	А	1.9
	500V	А	1.4
Operating current DC12			
	110V	А	5.7
Operating current DC13			
	24V	А	5.7
	48V	А	2.9
	60V	А	2.3
	125V	А	0.6
	220V	А	0.2
	600V	А	1.2
Operations			
Mechanical life		cycles	5000000
Electrical life		cycles	700000
Safety related data		,	
Performance level B10d according to EN/ISO 13489-1			
, i i i i i i i i i i i i i i i i i i i	rated load	cycles	700000
	mechanical load	cycles	5000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			
Rated AC voltage at 50/60Hz, 60Hz			
	min	V	220
	max	V	240
AC operating voltage			
of 50/60Hz coil powered at 50Hz			
pick-up			
h	min	%Us	80
	max	%Us	110
drop-out			
	min	%Us	20
	max	%Us	60
of 50/60Hz coil powered at 60Hz	max		
pick-up			
how ab	min	%Us	80
	max	%Us	110
drop-out	max	/000	
	min	%Us	20
	max	%Us	60
of 60Hz coil powered at 60Hz	Παλ	/003	50
pick-up			
μιακ-αρ		%Us	80
	min		
drop-out	min max	%Us	110



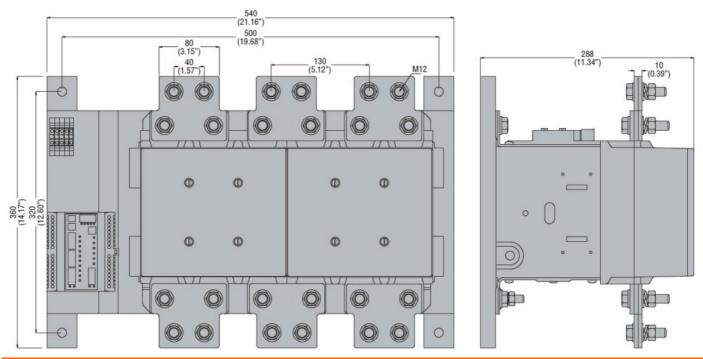
**11B125024220** THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1250A, AC COIL, 220...240VAC

			min	%Us	20
			max	%Us	60
AC average coil consu	mption at 20°C				
	of 50/60Hz coil power	ed at 50Hz			
			in-rush	VA	800
			holding	VA	45
	of 50/60Hz coil power	ed at 60Hz			
			in-rush	VA	800
			holding	VA	45
Dissipation at holding ≤	≦20°C 50Hz			W	40
DC coil operating					
DC rated control voltag	e			N	000
			min	V	220
DC aparating valtage			max	V	240
DC operating voltage	niek un				
	pick-up		min	%Us	80
Max cycles frequency			111111	%05	80
Max cycles frequency Mechanical operation				cycles/h	1200
Operating times				cyclc3/11	1200
Average time for Us co	ontrol				
	in AC				
		Closing NO			
			min	ms	300
			max	ms	450
		Opening NO			
			min	ms	70
			max	ms	130
	in DC				
		Closing NO			
			min	ms	300
			max	ms	450
		Opening NO			
			min	ms	70
			max	ms	130
UL technical data	n and a day in a				A 000 B 000
Contact rating of auxilia	ary contacts according t	0 UL			A600 - P600
Ambient conditions					
Temperature	Operating temperature	2			
	Operating temperature	<del>U</del>	min	°C	-50
			min	°C	-50 60
	Storage temperature		max	U	00
	Siorage temperature		min	°C	-60
			max	°C	80
Max altitude			Παλ	 	3000
Resistance & Protectio	n				
Pollution degree					3
Dimensions					- -

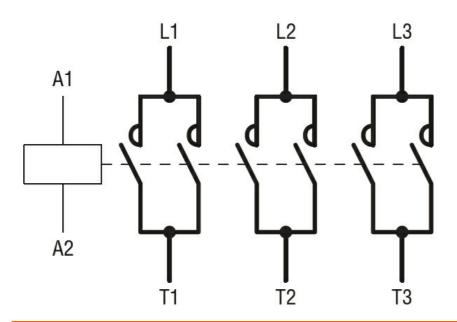
11B125024220



11B125024220 THREE-POLE CONTACTOR, IEC OPERATING CURRENT ITH (AC1) = 1250A, AC COIL, 220...240VAC



Wiring diagrams



Certifications and	d 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		
	/	
ETIM classification	on	
ETIM 8.0		EC000066 - Power contactor, AC switching