



Product designation Product type designation			Power contactor B250
Contact characteristics			DLOU
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	350
Operational current le			
	AC-1 (≤40°C)	А	350
	AC-1 (≤55°C)	А	300
	AC-1 (≤70°C)	A	250
	AC-3 (≤440V ≤55°C)	A	265
	AC-4 (400V)	A	115
Rated operational power AC-3 (T≤55°C)			
	230V	kW	83
	400V	kW	140
	415V	kW	155
	440V 500V	kW	164
	690V	kW kW	176 212
	1000V	kW	156
Rated operational power AC-1 (T≤40°C)	1000 v		150
	230V	kW	124
	400V	kW	214
	500V	kW	282
	690V	kW	380
IEC max current le in DC1 with L/R ≤ 1ms with 1 poles in series			
	75V	А	350
	110V	А	160
	220V	А	
	330V	А	
	460V	А	
IEC max current le in DC1 with $L/R \le 1$ ms with 2 poles in series			
	75V	А	350
	110V	А	300
	220V	А	250
	330V	A	
	460V	A	
IEC max current le in DC1 with $L/R \le 1$ ms with 3 poles in series	<b>_</b> <i>i</i>		050
	75V	A	350
	110V	A	300
	220V	A	300

ENERGY AND AUTOMATION

THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 110...125VAC/DC

11B25000110

$\begin{array}{cccccccccccccccccccccccccccccccccccc$				
EC max current le in DC1 with L/R ≤ 1ms with 4 poles in series 75V A 300 220V A 300 230V A 300 460V A 250 EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series 75V A 280 110V A 150 220V A - 330V A - 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 75V A 280 110V A 250 220V A - 330V A 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 75V A 280 110V A 250 220V A 330V A 460V A EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 75V A 280 110V A 250 220V A C max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 75V A 280 110V A 250 220V A C max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 110V A 250 220V A 200 400V A EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 110V A 250 220V A 200 400V A CC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 220V A 200 400V A EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 220V A 220 A CC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 220V A 220 A A 220 A A 220 A A A A		330V	А	250
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		460V	Α	
$ \begin{array}{c} 110V & A & 300 \\ 220V & A & 300 \\ 330V & A & 300 \\ 460V & A & 250 \\ \hline \\ $	EC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	350
EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series T5V A 280 110V A 150 220V A - 330V A - 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series T5V A 280 110V A 250 220V A - 400V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series T5V A 280 110V A 250 220V A - 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series T5V A 280 110V A 250 220V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series T5V A 280 110V A 200 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series T5V A 280 110V A 280 110V A 280 220V A 250 330V A 200 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series T5V A 280 110V A 280 220V A 250 220V A 250 220V A 250 220V A 2200 Ether trime allowable current for 10s (IEC/EN60947-1) A 2200 Ether trime allowable current for 10s (IEC/EN60947-1) Totection fuse T6T MX 2750 Totection fuse T6T MX 2750 Totection fuse T6T MX 2750 Totection fuse T6T MX 2750 Totection fuse T6T MX 2750 T0V A 2500 500V A 2200 T0V A 2500 500V A 250 500V		110V	А	300
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			А	
EC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series 75V A 280 110V A 150 220V A - 330V A - 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 75V A 250 220V A 200 330V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 75V A 280 110V A 250 220V A 200 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 75V A 280 110V A 250 220V A 250 330V A 200 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 110V A 280 220V A 280 330V A 200 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 100V A 280 220V A 280 330V A 200 460V A 200 460V A 200 460V A 220 EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 100V A 280 220V A 280 330V A 200 460V A 200 460V A 220 EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 100V A 280 220V A 280 300V A 2200 EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 100V A 280 220V A 280 300V A 2200 EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 100V A 280 220V A 280 220V A 280 220V A 280 220V A 280 300V A 2200 EC max current for 10s (IEC/EN60947-1) A 2505 EC max current for 10s (IEC/EN60947-1) A 2505 EC max current for 10s (IEC/EN60947-1) EC max current for 10s (IEC/EN60947-1) EC max current for 10s			А	
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		460V	Α	250
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	EC max current le in DC3-DC5 with L/R $\leq$ 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 $				
$ 330V A = - 480 \\ 460V A = - 480 \\ 110V A = 250 \\ 220V A = 200 \\ 330V A = - 480 \\ 110V A = 250 \\ 330V A = - 480 \\ 460V A = - 480 \\ 110V A = 280 \\ 220V A = 280 \\ 110V A = 280 \\ 220V A = 280 \\ 220V A = 250 \\ 330V A = 200 \\ 460V A = - 480 \\ 220V A = 280 \\ 200 \\ 460V A =$				150
460VA-EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series75VA280110VA250220VA200330VA460VAEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series75VA280110VA280220VA250220VA280220VA250330VA200460VAEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series75VA280220VA280220VA280220VA280220VA280220VA280220VA280200460VA200460VA200460VA2200460VA2200Protection fusegG (IEC)A400400250weaking capacity (RMS value)A250500VA250Making capacity (RMS value)mQ0.222002200Were dissipation per pole (average value)mQ0.22200Nore dissipation per pole (average value)mX35maxightening torque for terminalsminNm35maxightening torque for coil terminalminNm5.8maxightening torque for coil terminalminNm11				
EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 75V A 280 110V A 250 220V A 200 330V A 460V A EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 75V A 280 110V A 280 220V A 250 330V A 200 460V A EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 110V A 280 220V A 280 330V A 200 460V A 280 330V A 200 460V A 200 We a 200 110V A 280 220V A 280 330V A 200 100V A 280 220V A 280 330V A 200 460V A 200 460V A 200 100V A 220 100V A 250 100V A 25				
75VA280 (110V)120VA200 (330V)A220VA200 (330V)A=EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series75VA280 (220V)110VA280 (220V)A200 (200)220VA200 (460V)A-EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series75VA280 (220V)EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series75VA280 (220V)110VA280 (220V)220V)A280 (220V)330VA200 (460V)A2200 (200)ihort-time allowable current for 10s (IEC/EN60947-1)A2200 (200)virotection fusegG (IEC)A400 (200)gG (IEC)A2500 (200)200VA2200A2200virotection fusemΩ0.2verseking capacity (RMS value)mΩ0.2verseking capacity at voltage440VA2500 (590V)A2200mΩ0.2vower dissipation per pole (average value)mΩ0.2vower dissipation per pole (average value)minNm35 minightening torque for terminalsminNm35 minightening torque for coil terminalminNm35 min		460V	Α	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	EC max current le in DC3-DC5 with $L/R \le 15$ ms with 2 poles in series			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			А	280
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		110V	А	250
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		220V	А	200
EC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 75V A 280 110V A 280 220V A 250 330V A 200 460V A - EC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 75V A 280 110V A 280 220V A 200 460V A 200 100 A 200 100 A 200 100 A 220 100 A 400 aM (IEC) A 400 aM (IEC) A 250 500V A 250 500V A 250 690V A 2200 100 A 2200 100 A 2200 100 A 2200 100 A 2200 100 A 250 100		330V	А	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		460V	А	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	EC max current le in DC3-DC5 with L/R $\leq$ 15ms 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 $		75V	А	280
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		110V	А	280
$\begin{tabular}{ c c c c c } \hline 460V & A & -\\ \hline EC max current le in DC3-DC5 with L/R \leq 15ms with 4 poles in series $$75V & A & 280 $$110V & A & 280 $$220V & A & 280 $$330V & A & 200 $$460V & A & 2500 $$400V & A & 2500 $$400V & A & 2500 $$500V & A & 2200 $$400V & A & 2500 $$500V & A & 2200 $$400V & A & 2500 $$500V & A & 2500 $$$500V & A & 2500 $$$500V & A & 2500 $$$500V & A & 2500 $$$$500V & A & 2500 $$$$$$$$500V & A & 2500 $$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$$		220V	А	250
$\begin{tabular}{ c c c c c } \hline 460V & A & -\\ \hline EC max current le in DC3-DC5 with L/R < 15ms with 4 poles in series $$75V & A & 280 $$110V & A & 280 $$220V & A & 280 $$220V & A & 280 $$330V & A & 200 $$460V & A & 2500 $$400V & A & 2500 $$400V & A & 2500 $$500V & A & 2250 $$690V & A & 2250 $$690V & A & 2200 $$400V & A & 2250 $$690V & A & 2200 $$400V & A & 2$		330V	А	200
EC max current le in DC3-DC5 with L/R $\leq$ 15ms with 4 poles in series 75V A 280 110V A 280 220V A 280 330V A 200 460V A 200 460V A 200 460V A 200 70 tection fuse gG (IEC) A 400 aM (IEC) A 250 A 250 A 250 A 250 A 250 500V A 250 50		460V		
75V         A         280           110V         A         280           220V         A         280           330V         A         200           460V         A         200           460V         A         200           460V         A         2200           Protection fuse         gG (IEC)         A         400           aditing capacity (RMS value)         A         250           Atking capacity at voltage         A         250           Atking capacity at voltage         440V         A         2500           500V         A         2200         2200           Resistance per pole (average value)         mΩ         0.2           Power dissipation per pole (average value)         mΩ         0.2           Power dissipation per pole (average value)         mΩ         0.2           Power dissipation per pole (average value)         min         Nm         35           Tightening torque for terminals         min         Nm         35           max         Nm         35         35           min         Lbin         25.8         25.8	EC max current le in DC3-DC5 with L/R $\leq$ 15ms with 4 poles in series			
110V         A         280           220V         A         280           330V         A         200           330V         A         200           460V         A         200           Protection fuse         A         2200           Protection fuse         gG (IEC)         A         400           aM (IEC)         A         250         A           Aking capacity (RMS value)         A         2750           Areaking capacity at voltage         440V         A         2500           Breaking capacity at voltage         M         2200         A         2200           Resistance per pole (average value)         mΩ         0.2         A         2200           Power dissipation per pole (average value)         mΩ         0.2         A         2200           Resistance per pole (average value)         mΩ         0.2         A         25.5           Tightening torque for terminals         min         Nm         35         max           Min         25.8         max         Nm         35.8         Max           Tightening torque for coil terminal         min         Nm         25.8         Max         1 <td></td> <td>75V</td> <td>А</td> <td>280</td>		75V	А	280
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		110V	А	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		220V	А	
460VA200Short-time allowable current for 10s (IEC/EN60947-1)A2200Protection fusegG (IEC)A400aM (IEC)A250Making capacity (RMS value)A2750Breaking capacity at voltage440VA2500SooVA2250690VA2200Resistance per pole (average value)mΩ0.2Power dissipation per pole (average value)mΩ0.2Power dissipation per pole (average value)IthW24.5AC-3W12.5Tightening torque for terminalsminNm35rightening torque for coil terminalminNm35maxNm35rightening torque for coil terminalminNm11				
Short-time allowable current for 10s (IEC/EN60947-1)       A       2200         Protection fuse       gG (IEC)       A       400         aM (IEC)       A       250         Making capacity (RMS value)       A       2750         Breaking capacity at voltage       440V       A       2500         Short-time allowable current for 10s (IEC/EN60947-1)       A       250         Making capacity (RMS value)       A       2500         Breaking capacity at voltage       440V       A       2500         Breaking capacity at voltage       440V       A       2500         Breaking capacity at voltage       440V       A       2200         Resistance per pole (average value)       m0       0.2       0.2         Power dissipation per pole (average value)       Ith       W       24.5         AC-3       W       12.5       12.5         Tightening torque for terminals       min       Nm       35         min       Ibin       25.8       max       Ibin       25.8         Tightening torque for coil terminal       min       Nm       1		460V	А	
Protection fuse gG (IEC) A 400 aM (IEC) A 250 Making capacity (RMS value) A 2750 Breaking capacity at voltage 440V A 2500 500V A 2250 690V A 2200 Resistance per pole (average value) mΩ 0.2 Power dissipation per pole (average value) Ith W 24.5 AC-3 W 12.5 Tightening torque for terminals min Nm 35 max Nm 35 min Ibin 25.8 max Ibin 25.8 max Ibin 25.8	Short-time allowable current for 10s (IEC/EN60947-1)			
gG (IEC) AMaking capacity (RMS value)         A         250           Making capacity (RMS value)         A         2750           Breaking capacity at voltage         440V         A         2500           Streaking capacity at voltage         M         2250         690V         A         2200           Resistance per pole (average value)         mΩ         0.2         0.2         0.2           Power dissipation per pole (average value)         Ith         W         24.5         AC-3         W         12.5           Fightening torque for terminals         min         Nm         35         max         Nm         35           inghtening torque for coil terminal         min         Ibin         25.8         125.8				
aM (IEC)A250Aking capacity (RMS value)A2750Breaking capacity at voltage440VA2500500VA2250690VA2200Resistance per pole (average value)mΩ0.20.2Power dissipation per pole (average value)IthW24.5AC-3W12.512.5Tightening torque for terminalsminNm35minIbin25.8maxIbin25.8Tightening torque for coil terminalminNm1		aG (IEC)	А	400
Aking capacity (RMS value)       A       2750         Breaking capacity at voltage       440V       A       2500         Streaking capacity at voltage       440V       A       2500         Streaking capacity at voltage       440V       A       2500         Streaking capacity at voltage       690V       A       2250         Streaking capacity at voltage       mΩ       0.2       0.2         Power dissipation per pole (average value)       Ith       W       24.5         AC-3       W       12.5         Tightening torque for terminals       min       Nm       35         min       Ibin       25.8         Tightening torque for coil terminal       min       Nm       1				
Breaking capacity at voltage       440V       A       2500         500V       A       2250         690V       A       2200         Resistance per pole (average value)       mΩ       0.2         Power dissipation per pole (average value)       Ith       W       24.5         AC-3       W       12.5         "ightening torque for terminals       min       Nm       35         min       Ibin       25.8         "ightening torque for coil terminal       min       Nm       1	Making capacity (RMS value)	(		
440V       A       2500         500V       A       2250         690V       A       2200         Resistance per pole (average value)       mΩ       0.2         Power dissipation per pole (average value)       Ith       W       24.5         AC-3       W       12.5         Fightening torque for terminals       min       Nm       35         min       Ibin       25.8         Tightening torque for coil terminal       min       Nm       1				
500V         A         2250           690V         A         2200           Resistance per pole (average value)         mΩ         0.2           Power dissipation per pole (average value)         Ith         W         24.5           AC-3         W         12.5         12.5           Tightening torque for terminals         min         Nm         35           max         Nm         35         10           Tightening torque for coil terminal         min         Ibin         25.8           Tightening torque for coil terminal         min         Nm         35	stoaning oup activities	440\/	Δ	2500
690VA2200Resistance per pole (average value)mΩ0.2Power dissipation per pole (average value)IthW24.5AC-3W12.5Tightening torque for terminalsminNm35maxNm35minIbin25.8Tightening torque for coil terminalminNm1				
Resistance per pole (average value)       mΩ       0.2         Power dissipation per pole (average value)       Ith       W       24.5         AC-3       W       12.5         Tightening torque for terminals       min       Nm       35         min       Ibin       25.8         Tightening torque for coil terminal       min       Nm       1				
Power dissipation per pole (average value) Ith W 24.5 AC-3 W 12.5 Tightening torque for terminals min Nm 35 max Nm 35 min Ibin 25.8 max Ibin 25.8 Tightening torque for coil terminal min Nm 1	Resistance per pole (average value)	0001		
Ith       W       24.5         AC-3       W       12.5         Tightening torque for terminals       min       Nm       35         max       Nm       35       min       Ibin       25.8         Tightening torque for coil terminal       min       Nm       1			11152	0.2
AC-3 W 12.5 Tightening torque for terminals min Nm 35 max Nm 35 min Ibin 25.8 max Ibin 25.8 Tightening torque for coil terminal min Nm 1	טייבו טושטואמנוטון אבו אטוב (מיבומצב ימועב)	lth	۱۸/	21 5
Tightening torque for terminals       min       Nm       35         max       Nm       35         min       Ibin       25.8         max       Ibin       25.8         Tightening torque for coil terminal       min       Nm         min       Nm       1				
min Nm 35 max Nm 35 min Ibin 25.8 max Ibin 25.8 Tightening torque for coil terminal min Nm 1	Fightoning torque for terminele	AC-3	٧V	12.0
max Nm 35 min Ibin 25.8 max Ibin 25.8 Tightening torque for coil terminal min Nm 1			Nime	25
min Ibin 25.8 max Ibin 25.8 ightening torque for coil terminal min Nm 1				
max Ibin 25.8 Tightening torque for coil terminal min Nm 1				
ightening torque for coil terminal min Nm 1				
min Nm 1		max	Ibin	25.8
	ightening torque for coil terminal			
max Nm 1				
		max	Nm	1

11B25000110



## **11B25000110** THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 110...125VAC/DC

		min	lbin Ibin	0.74 0.74
Max number of wires	simultaneously connectable	max	Nr.	2
Conductor section				L
	AWG/Kcmil			
		max		500 kcmil
Power terminal prote	ction according to IEC/EN 60529			IP00
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw
Weight			g	9640
Conductor section				
	AWG/kcmil conductor section			
Operations		max		500 kcmil
Mechanical life			cycles	10000000
Electrical life			cycles	1000000
Safety related data			070103	100000
	10d according to EN/ISO 13489-1			
		rated load	cycles	1000000
		mechanical load	cycles	10000000
Mirror contats accord	ding to IEC/EN 609474-4-1			yes
Mirror contats accord EMC compatibility	ding to IEC/EN 609474-4-1			yes yes
	ding to IEC/EN 609474-4-1			-
EMC compatibility				-
EMC compatibility AC coil operating		min	V	yes 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz	min max	V V	yes
EMC compatibility AC coil operating	50/60Hz, 60Hz			yes 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz			yes 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz	max	V	yes 110 125
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	maxmin	V %Us	yes 110 125 80
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up	max	V	yes 110 125
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz	max min max	V %Us %Us	yes 110 125 80 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up	max min max min	V %Us %Us %Us	yes 110 125 80 110 20
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	max min max	V %Us %Us	yes 110 125 80 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min	V %Us %Us %Us	yes 110 125 80 110 20
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out	max min max min max	V %Us %Us %Us %Us	yes 110 125 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max min	V %Us %Us %Us %Us	yes 110 125 80 110 20 60 80
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz	max min max min max	V %Us %Us %Us %Us	yes 110 125 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max min max min	V %Us %Us %Us %Us	yes 110 125 80 110 20 60 80
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max min max min max	V %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up	max min max min max min max min	V %Us %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110 20 20
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out	max min max min max min max min	V %Us %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110 20 60 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out of 60Hz coil powered at 60Hz	max min max min max min max min	V %Us %Us %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110 20 60 80 110 20 60 80 80 110 20 60 80 110 80 110 80 80 110 80 80 80 80 80 80 80 80 80 8
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out of 60Hz coil powered at 60Hz pick-up	max min max min max min max min max	V %Us %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110 20 60 80 110 20 60
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out of 60Hz coil powered at 60Hz	max min max min max min max min max	V %Us %Us %Us %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110 20 60 80 110 20 60 80 110
EMC compatibility AC coil operating Rated AC voltage at s	50/60Hz, 60Hz of 50/60Hz coil powered at 50Hz pick-up drop-out of 50/60Hz coil powered at 60Hz pick-up drop-out of 60Hz coil powered at 60Hz pick-up	max min max min max min max min max min max	V %Us %Us %Us %Us %Us %Us %Us	yes 110 125 80 110 20 60 80 110 20 60 80 110 20 60 80 80 110 20 60 80 110 80 110 80 80 110 80 80 80 80 80 80 80 80 80 8

## of 50/60Hz coil powered at 50Hz

11B25000110



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 110...125VAC/DC

in-rush VA 300

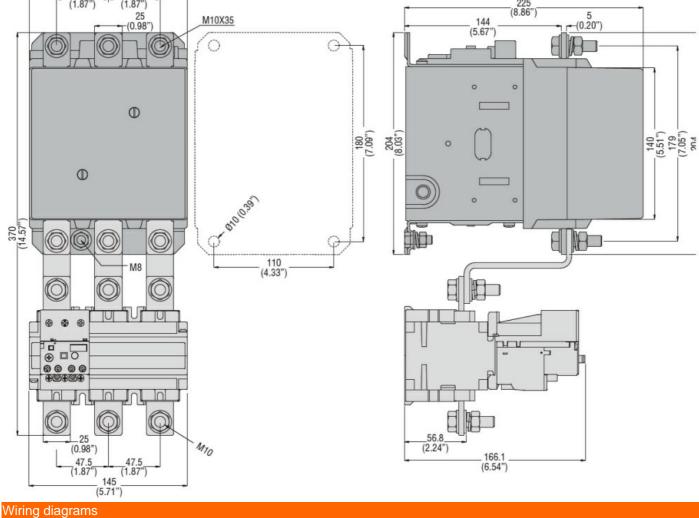
11B25000110

		in-rusn	VA	300
		holding	VA	10
	of EQ/COLIE coll nowcored at COLIE	Tieranig	•7 \	10
	of 50/60Hz coil powered at 60Hz			
		in-rush	VA	300
		holding	VA	10
Dissipation at holding	<20°C 50Hz	3	W	10
	320 C 50112		VV	10
DC coil operating				
DC rated control volta	ge			
		min	V	110
		max	V	125
DC operating voltage				
	pick-up			
	F	min	%Us	80
		max	%Us	110
	drop-out			
	•	min	%Us	20
		max	%Us	60
Average coil consump	otion ≤20°C			
		in-rush	W	300
		holding	W	10
Max cycles frequency				
Mechanical operation			cycles/h	2400
Operating times			- ,	
Average time for Us c	ontrol			
	in AC			
	Closing NO			
				00
		min	ms	80
		max	ms	120
	Opening NO			
	1 0	min	ms	30
			1113	
		max	ms	75
	in DC	max	ms	75
		max	ms	/5
	in DC Closing NO			
		min	ms	80
	Closing NO	min	ms	80
		min max	ms ms	80 120
	Closing NO	min max min	ms ms	80 120 30
	Closing NO	min max	ms ms	80 120
UL technical data	Closing NO	min max min	ms ms	80 120 30
	Closing NO Opening NO	min max min	ms ms	80 120 30
	Closing NO	min max min max	ms ms ms ms	80 120 30 75
	Closing NO Opening NO	min max min max at 480V	ms ms ms A	80 120 30 75 240
	Closing NO Opening NO	min max min max	ms ms ms ms	80 120 30 75
Full-load current (FLA	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V	ms ms ms A	80 120 30 75 240
	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V	ms ms ms A	80 120 30 75 240
Full-load current (FLA	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V at 600V	ms ms ms A A	80 120 30 75 240 242
Full-load current (FLA	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V at 600V 200/208V	ms ms ms A A HP	80 120 30 75 240 242 75
Full-load current (FLA	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V at 600V	ms ms ms A A	80 120 30 75 240 242
Full-load current (FLA	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V at 600V 200/208V 220/208V 220/230V	ms ms ms A A HP HP	80 120 30 75 240 242 75 100
Full-load current (FLA Yielded mechanical pe	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V at 600V 200/208V	ms ms ms A A HP	80 120 30 75 240 242 75
Full-load current (FLA	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor	min max min max at 480V at 600V 200/208V 220/208V 220/230V	ms ms ms A A HP HP	80 120 30 75 240 242 75 100
Full-load current (FLA Yielded mechanical pe	Closing NO Opening NO ) for three-phase AC motor	min max min max at 480V at 600V 200/208V 220/208V 220/230V	ms ms ms A A HP HP	80 120 30 75 240 242 75 100
Full-load current (FLA Yielded mechanical pe	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor	min max min max at 480V at 600V 200/208V 220/208V 220/208V 575/600V	ms ms ms A A HP HP HP	80 120 30 75 240 242 75 100 250
Full-load current (FLA Yielded mechanical pe General USE	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor Contactor	min max min max at 480V at 600V 200/208V 220/208V 220/230V	ms ms ms A A HP HP	80 120 30 75 240 242 75 100
Full-load current (FLA Yielded mechanical pe	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor Contactor	min max min max at 480V at 600V 200/208V 220/208V 220/208V 575/600V	ms ms ms A A HP HP HP	80 120 30 75 240 242 75 100 250
Full-load current (FLA Yielded mechanical pe General USE	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor Contactor	min max min max at 480V at 600V 200/208V 220/208V 220/208V 575/600V	ms ms ms A A HP HP HP	80 120 30 75 240 242 75 100 250
Full-load current (FLA Yielded mechanical pe General USE	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor Contactor	min max min max at 480V at 600V 200/208V 220/208V 220/208V 575/600V	ms ms ms A A HP HP HP	80 120 30 75 240 242 75 100 250
Full-load current (FLA Yielded mechanical pe General USE	Closing NO Opening NO ) for three-phase AC motor erformance for three-phase AC motor Contactor	min max min max at 480V at 600V 200/208V 220/208V 220/208V 220/208V 575/600V AC current	ms ms ms A A HP HP HP HP	80 120 30 75 240 242 75 100 250 350

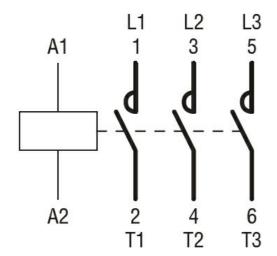


11B25000110 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 265A, AC/DC COIL, 110...125VAC/DC

		Fuse class		L
Ambient conditions				_
Temperature				
0	perating temperature			
		min	°C	-50
		max	°C	70
Si	torage temperature			
		min	°C	-60
		max	°C	80
Max altitude			m	3000
Resistance & Protection				
Pollution degree				3
Dimensions				
$\begin{array}{c} 145\\ (.5.71") \\ -47.5\\ (1.87") \\ -(1.87") \\ 25\\ (0.98") \\ \end{array}$	M10X35	225 (8.86") (5.67")	(0.	5 20")







## Certifications and compliance

ooranoualono ana o	
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