



Product designation			Power contactor
Product type designation			BG12
Contact characteristics			-
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency		ΚV	0
			05
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		А	20
Operational current le			
	AC-1 (=40°C)	А	20
	AC-1 (=55°C)	А	18
	AC-1 (=70°C)	А	15
	AC-3 (=440V =55°C)	А	12
	AC-4 (400V)	А	4.8
Rated operational power AC-3 (T=55°C)			
	230V	kW	3.2
	400V	kW	5.7
	415V	kW	6.2
	440V	kW	5.5
	500V	kW	5
	690V	kW	5
Rated operational power AC-1 (T=40°C)			•
	230V	kW	8
	400V	kW	14
	400V 500V	kW	16
	690V		22
IFO men summer to in DO4 with 1/D - America with 4 meters in series	090 V	kW	22
IEC max current le in DC1 with $L/R = 1$ ms with 1 poles in series	0.01		10
	=24V	A	12
	48V	A	10
	75V	Α	4
	110V	А	3
	220V	A	-
IEC max current le in DC1 with L/R = 1ms with 2 poles in series			
	=24V	А	15
	48V	А	14
	75V	А	9
	110V	А	8
	220V	А	_
IEC max current le in DC1 with L/R = 1ms with 3 poles in series			
	=24V	А	16
	48V	A	16
	75V	A	10
	110V	A	10
	1100	А	10



11BG1201D024 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, DC COIL, 24VDC, **1NC AUXILIARY CONTACT**

=24V A - 48V A - 75V A - 110V A - 220V A - 48V A 6 75V A 2 110V A 1 220V A - 220V A 1 220V A 1 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series -24V A 8 75V A 8 - - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series -24V A 10 220V A 10 - - 220V A - - - 220V A <th></th> <th></th> <th></th> <th></th>				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		220V	А	2
48V A - 75V A - 110V A - 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series -24V A 7 48V A 6 - - EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series - - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series -24V A 8 75V A 5 - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series -24V A 10 48V A 6 - - - EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series -24V A 10 75V A 6 - - - 110V A 5 - - - 220V A 0,8 - - - EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - -	IEC max current le in DC1 with L/R = 1ms with 4 poles in series			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		=24V	Α	-
110V A - 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series -24V A 7 448V A 6 75V A 2 110V A 1 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series - - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series - - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 6 110V A 4 220V A - - - - EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A 10 48V A - - - - 110V A - - - - 220V A - - - - 5hort-time allowable current for 10s (IEC/EN60947-1) A 96		48V	А	-
220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series -24V A 7 48V A 6 75V A 2 110V A 1 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series =24V A 8 =220V A 8 8 75V A 5 110V A 4 220V A - - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series - - - - IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - - - - IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - <td></td> <td>75V</td> <td>А</td> <td>-</td>		75V	А	-
EC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series =24V A 7 48V A 6 75V A 2 110V A 1 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series -24V A 8 -220V A - - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series -24V A 8 -220V A - - - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 -220V A - - - EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - -220V A - - - - EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - - -220V A - - - - - Short-time allowable current for 10s (IEC/EN60947-1) A 96		110V	А	-
=24V A 7 48V A 6 75V A 2 110V A 1 220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series =24V A 8 75V A 5 110V A 4 220V A - - - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 - - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 - - 10V A 5 - - 220V A 0.8 - - 10V A - - - 48V A - - - 10V A - - - 10V A - -<		220V	А	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with L/R = 15ms with 1 poles in series			
75V A 2 110V A 1 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series =24V A 8 46V A 8 - - 10V A 4 8 - 20V A - - - 10V A 8 - - 10V A 4 20V A - 10V A 4 20V A - 110V A 5 20V A 6 110V A 5 20V A - 48V A - - 48V - 75V A - - - - 48V A - - - - 10V A - - - - 75V A - -		=24V	А	7
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	6
220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series -24V A 8 75V A 5 110V A 4 110V A 4 220V A - 12C max current le in DC3-DC5 with L/R = 15ms with 3 poles in series - - - 12C max current le in DC3-DC5 with L/R = 15ms with 3 poles in series - - - 110V A 5 - - 12C max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - - - 12C max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - - - 12C max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - - - 110V A - - - - 12C max current le in DC3-DC5 with L/R = 15ms with 4 poles in series - - - - 10V A - - - - - 110V A - - - -		75V	А	2
IEC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series =24V A 8 48V A 8 75V A 5 110V A 4 220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 75V A 6 110V A 6 110V A 5 220V A 0 75V A 6 110V A 5 220V A 0.8 IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - #8V A - - 10V A 6 Protection fuse =24V A - - 10V A - Protection fuse gG (IEC) A 20 a - - - - - - - - - - - - - - - - - - - <td< td=""><td></td><td>110V</td><td>А</td><td>1</td></td<>		110V	А	1
IEC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series =24V A 8 48V A 8 75V A 5 110V A 4 220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 75V A 6 110V A 6 110V A 5 220V A 0 75V A 6 110V A 5 220V A 0.8 IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - #8V A - - 10V A 6 Protection fuse =24V A - - 10V A - Protection fuse gG (IEC) A 20 a - - - - - - - - - - - - - - - - - - - <td< td=""><td></td><td></td><td>А</td><td>_</td></td<>			А	_
=24V A 8 48V A 8 75V A 5 110V A 4 220V A - EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 48V A 6 110V A 5 220V A 6 110V A 5 220V A - 48V A - - 48V A - 110V A - - - 48V A - 220V A -	IEC max current le in DC3-DC5 with L/R = 15ms with 2 poles in series			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		=24\/	А	8
75V A 5 110V A 4 220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48W A 10 75V A 6 110V A 5 220V A 0,8 IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - 220V A 0,8 = - 110V A 5 - - 48W A - - - 48V A - - - 110V A - - - 110V A - - - 220V A - - - 110V A 96 - - Protection fuse gG (IEC) A 16 Making capacity (RMS value) A 16 - B				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
220V A - IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 75V A 6 110V A 5 220V A 0,8 IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - 48V A - 48V A - 75V A - - 48V A - 75V A - - 48V A - 75V A -				
EC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series =24V A 10 48V A 10 75V A 6 110V A 5 220V A - 48V A - 48V A - 48V A - 75V A 6 110V A - 48V A - 75V A - 110V A - 220V A - 100v A 120 Breaking capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 500V A 72 - - Resistance per pole (average value) m? 10				
=24V A 10 48V A 10 75V A 6 110V A 5 220V A 0,8 IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series = =24V A - 48V A - 48V A - 48V A - 48V A - 75V A - 110V A - 220V A - 110V A - 220V A - 110V A - 220V A - Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 120 Breaking capacity (RMS value) A 120 Breaking capacity at voltage m? 10 Power dissipation per pole (average value) m? 10 Power dissipation per pole (average value) m? 10	IFC may aureant to in DC2 DC5 with L/D 15ma with 2 pales in parias	220 V	A	_
$ \begin{array}{cccc} 48V & A & 10 \\ 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 0.8 \end{array} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$	IEC max current le in DC3-DC5 with L/R = 15ms with 3 poles in series	0.417	٨	4.0
75V A 6 110V A 5 220V A 0,8 EC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series =24V A - 48V A - - 48V A - 110V A A - - 48V A - 110V A A -				
110V A 5 220V A 0,8 IEC max current le in DC3-DC5 with L/R = 15ms with 4 poles in series = 48V A - 48V A - 48V A - 48V A - 75V A - 110V A - 220V A - 110V A - 220V A - 110V A - 220V A 96 Protection fuse gG (IEC) A 20 Making capacity (RMS value) A 16 Making capacity at voltage 440V A 96 500V A 72 690V A 72 Resistance per pole (average value) m? 10 Power dissipation per pole (average value) m? 10 Power dissipation per pole (average value) m? 1.44 1.44 Tightening torque for terminals <td></td> <td></td> <td></td> <td></td>				
$\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 = 15ms with 4 poles in series =24V A - 48V A - - 75V A - - 110V A - - 220V A - - Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 alk line A 16 Making capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 Short-time dissipation per pole (average value) m? 10 Power dissipation per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 Tightening torque for terminals min Nm 1.44 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min Nm 0.8 ma				
$=24V A -$ $48V A -$ $48V A -$ $75V A -$ $220V A -$ $360 -$ Protection fuse $gG (IEC) A 20$ $aM (IEC) A 16$ Making capacity (RMS value) A 16 Making capacity (RMS value) A 120 Breaking capacity at voltage $440V A 96$ $500V A 72$ $690V A 72$ $690V A 72$ $690V A 72$ Resistance per pole (average value) m^{?} 10 Power dissipation per pole (average value) m^{?} 10 Power dissipation per pole (average value) m^{?} 10 Power dissipation per pole (average value) m^{?} 10 72 72 72 72 72 72 72 72		220V	A	0,8
$\begin{array}{cccc} 48V & A & - \\ 75V & A & - \\ 75V & A & - \\ 110V & A & - \\ 220V & A & - \end{array}$	IEC max current le in DC3-DC5 with $L/R = 15$ ms with 4 poles in series			
$\begin{array}{cccc} 75 & A & - \\ 110 & A & - \\ 220 & A & - \\ 220 & A & - \end{array}$ Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse $\begin{array}{cccc} gG (IEC) & A & 20 \\ aM (IEC) & A & 16 \\ \hline Making capacity (RMS value) & A & 120 \\ \hline Making capacity at voltage & & & & & & & & & & & & & & & & & & &$				-
$\begin{array}{c cccc} 110 & A & -\\ 220 & A & -\\ 220 & A & -\\ \end{array}$ Short-time allowable current for 10s (IEC/EN60947-1) & A & 96 & & & & & & & & & & & & & & & & &			Α	-
220V A - Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 aM (IEC) A 16 Making capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 500V A 72 Resistance per pole (average value) m? 10 Power dissipation per pole (average value) m? 10 Power dissipation per pole (average value) min Nm 0.8 max Nm 1 min 9 Tightening torque for terminals min Nm 9 Tightening torque for coil terminal min Nm 1 Max Nm 1 min Nm 1			А	-
Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 aM (IEC) A 16 Making capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 Short-time allowable current for 10s (IEC/EN60947-1) A 10 Breaking capacity at voltage 440V A 96 Breaking capacity at voltage m? 10 Power dissipation per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 Tightening torque for terminals min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 9 1		110V	А	-
Protection fuse $\begin{array}{cccc} gG (IEC) & A & 20 \\ aM (IEC) & A & 16 \\ \hline Making capacity (RMS value) & A & 120 \\ \hline Breaking capacity at voltage \\ 440V & A & 96 \\ 500V & A & 72 \\ 690V & A & 72 \\ \hline Generatory (Boost and the second se$		220V	Α	_
gG (IEC) aM (IEC)A20 add (IEC)Making capacity (RMS value)A120Breaking capacity at voltage440V 500VA96 500VA72690VA72Resistance per pole (average value)m?10Power dissipation per pole (average value)Ith 	Short-time allowable current for 10s (IEC/EN60947-1)		А	96
aM (IEC) A 16 Making capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 500V A 72 690V A 72 Resistance per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 min Ibin 9 Tightening torque for coil terminal min Nm 1 Tightening torque for coil terminal min Nm 0.8 max Nm 1 9	Protection fuse			
Making capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 500V A 72 690V A 72 Resistance per pole (average value) m? 10 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min 10 Tightening torque for coil terminals min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min 9		gG (IEC)	А	20
Making capacity (RMS value) A 120 Breaking capacity at voltage 440V A 96 500V A 72 690V A 72 Resistance per pole (average value) m? 10 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min 10 Tightening torque for coil terminals min Nm 0.8 max Nm 1 min 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min 9		aM (IEC)	А	16
Breaking capacity at voltage 440V A 96 500V A 72 690V A 72 Resistance per pole (average value) Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min lbin 9 max lbin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min 1 min 0.8 max Nm 1	Making capacity (RMS value)		А	120
440V A 96 500V A 72 690V A 72 Resistance per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min 1bin 9 Tightening torque for coil terminal min Nm 1 3 Tightening torque for coil terminal min Nm 1 3 Tightening torque for coil terminal min Nm 1 3 Tightening torque for coil terminal min Nm 0.8 3 Min 1 9 3 3 1				
500V A 72 690V A 72 Resistance per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 1.8 Max Nm 1 1 1 Max Nm 1 1 1		440V	А	96
690V A 72 Resistance per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 min Ibin 9 Tightening torque for coil terminal min Nm 1.4 Max Nm 1 1 Min Ibin 9 1 Tightening torque for coil terminal min Nm 0.8 Max Nm 1 1				
Resistance per pole (average value) m? 10 Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 min Ibin 9 Tightening torque for coil terminal min Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 min 10 Tightening torque for coil terminal min Nm 1				
Power dissipation per pole (average value) Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1	Resistance per pole (average value)	0001		
Ith W 4 AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 1				10
AC3 W 1.44 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1	i uver ussipation per pole (average value)	146	۱۸/	Λ
Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1				
min Nm 0.8 max Nm 1 min Ibin 9 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1	T 's 1 ('s . ((AC3	VV	1.44
max Nm 1 min Ibin 9 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1	i igntening torque for terminais			
min Ibin 9 max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1				
max Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1				
Tightening torque for coil terminal min Nm 0.8 max Nm 1				
min Nm 0.8 max Nm 1		max	Ibin	9
max Nm 1	Tightening torque for coil terminal			
		min	Nm	0.8
min Ibin 9		max	Nm	1
		min	lbin	9



THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, DC COIL, 24VDC, 1NC AUXILIARY CONTACT

11BG1201D024

Max number of wiros (simultaneously connectable	max	lbin Nr.	9
Conductor section			INI.	2
	AWG/Kcmil			
	AWG/ACITII	max		12
	Flexible w/o lug conductor section	Пал		12
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section	max		2.0
		min	mm²	1.5
		max	mm²	2.5
	Flexible with insulated spade lug conductor section			
		min	mm²	1.5
		max	mm²	2.5
Power terminal protec	tion according to IEC/EN 60529			IP20 when wire
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		±30°
Fixing				Screw / DIN rail 35mm
Weight			g	222
Conductor section			0	
	AWG/kcmil conductor section			
		max		12
Auxiliary contact chara	acteristics			
Thermal current Ith			А	10
IEC/EN 60947-5-1 de	signation			A600 - Q600
Operating current AC1	15			
		230V	А	3
		400V	Α	1.9
		500V	Α	1.4
Operating current DC	12			
		110V	Α	2.9
Operating current DC	13			
		24V	A	2.9
		48V	A	1.4
		60V	A	1.2
		110V	A	0.6
		125V	A	0.55
		0001		
		220V	A	0.3
Operations		220V 600V	A A	0.3 0.1
Operations			A	0.1
Mechanical life			A cycles	0.1
Mechanical life Electrical life			A	0.1
Mechanical life Electrical life Safety related data	0d according to EN/ISO 12480 1		A cycles	0.1
Mechanical life Electrical life Safety related data	0d according to EN/ISO 13489-1	600V	A cycles cycles	0.1 20000000 500000
Mechanical life Electrical life Safety related data	-	600V	A cycles cycles cycles	0.1 20000000 500000 500000
Mechanical life Electrical life Safety related data Performance level B1	n	600V	A cycles cycles	0.1 20000000 500000 500000 20000000
Mechanical life Electrical life Safety related data Performance level B1 Mirror contats accordi	-	600V	A cycles cycles cycles	0.1 20000000 500000 500000 20000000 yes
Mechanical life Electrical life Safety related data Performance level B1	n	600V	A cycles cycles cycles	0.1 20000000 500000 500000 20000000



ENERGY AND AUTOMATION

DC operating voltage	9				
	pick-up				
			min	%Us	75
			max	%Us	115
	drop-out				
			min	%Us	10
			max	%Us	25
Average coil consum	ption =20°C				
			in-rush	W	3.2
			holding	W	3.2
Max cycles frequency	у				
Mechanical operation	ו			cycles/h	3600
Operating times					
Average time for Us	control				
	in AC				
		Closing NO			
			min	ms	12
			max	ms	21
		Opening NO			
			min	ms	9
			max	ms	18
		Closing NC			
		_	min	ms	17
			max	ms	26
		Opening NC			
			min	ms	7
			max	ms	17
	in DC				
		Closing NO			
		3	min	ms	18
			max	ms	25
		Opening NO			
		e per	min	ms	2
			max	ms	3
		Closing NC	max	me	0
		2.301.91.0	min	ms	3
			max	ms	5
		Opening NC	max	110	~
			min	ms	11
			max	ms	17
UL technical data				110	
Full-load current (FL/	A) for three-phase A	AC motor			
	,		at 480V	А	11
			at 600V	A	11
Yielded mechanical p	performance		at 000 V		
	for single-phase	AC motor			
	ior single-pliase		110/120V	HP	0.5
			230V	HP	1.5
	for three-phase	AC motor	2307	111-	1.5
	ior unee-phase		200/2001	Цр	3
			200/208V	HP up	3
			220/230V	HP	3
			460/480V	HP	7.5
General LISE			575/600V	HP	10

General USE



11BG1201D024 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, DC COIL, 24VDC,

1NC AUXILIARY CONTACT

	Contactor			
		AC current	A	20
Short-circuit protectio				
	High fault			
		Short circuit current	kA	100
		Fuse rating	А	30
		Fuse class		J
	Standard fault			
		Short circuit current	kA	5
		Fuse rating	A	30
	liary contacts according to UL			A600 - Q600
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-50
		max	°C	+70
	Storage temperature			
		min	°C	-60
		max	°C	+80
Max altitude			m	3000
Resistance & Protect	ion			
Pollution degree				3
Dimensions				
4.4 (0.17") (0.17") (0.33") (0.33") (0.33") (0.33") (0.33") (0.33") Wiring diagrams	34.9 (1.37")		(2.28") 5	57 .24") RF9
A1 A1 A2 A2 T Certifications and con	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			
Compliance				
	CSA C22.2 n° 60947-1			

CSA C22.2 n° 60947-1	
CSA C22.2 n° 60947-4-1	
IEC/EN 60947-1	



11BG1201D024 THREE-POLE CONTACTOR, IEC OPERATING CURRENT IE (AC3) = 12A, DC COIL, 24VDC, **1NC AUXILIARY CONTACT**

	IEC/EN 60947-4-1	
	UL 60947-1	
	UL 60947-4-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classificatio	n	
		EC000066 -

ETIM 8.0

C000066 Power contactor, AC switching