



Product designation			Power contacto
Product type designation			BG09
Contact characteristics			
Number of poles		Nr.	3
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Operational frequency			
	min	Hz	25
	max	Hz	400
IEC Conventional free air thermal current Ith		A	20
Operational current le			
	AC-1 (≤40°C)	А	20
	AC-1 (≤55°C)	A	18
	AC-1 (≤70°C)	A	15
	AC-3 (≤440V ≤55°C)	A	9
	AC-4 (400V)	A	4
Rated operational power AC-3 (T≤55°C)	- ()		
1 1 ()	230V	kW	2.2
	400V	kW	4
	415V	kW	4.3
	440V	kW	4.5
	500V	kW	5
	690V	kW	5
Rated operational power AC-1 (T≤40°C)			
	230V	kW	8
	400V	kW	14
	500V	kW	16
	690V	kW	22
IEC max current le in DC1 with $L/R \le 1$ ms with 1 poles in series			
	≤24V	А	12
	48V	А	10
	75V	А	4
	110V	А	3
	220V	А	-
IEC max current le in DC1 with $L/R \le 1$ ms 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 $L/R \le 1$ ms with 3 poles in series			
	≤24V	А	16
	48V	А	16
	75V	А	10

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TŘÍPÓLOVÝ MINISTYKAČ, JMENOVITÝ PROUD IE (AC3)=9A, CÍVKA 24VAC, 1Z POMOCNÝ KONTAKT

$ \begin{aligned} & \leq 24 \forall A & 16 \\ & 48 \forall A & 10 \\ & 110 \forall A & 10 \\ & 220 \forall A & 2 \end{bmatrix} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$				
$\begin{aligned} & \begin{array}{c} & \end{array} \\ & \begin{array}{c} & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ & \end{array} \\ \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ \\ & \begin{array}{c} & \end{array} \\ & \end{array} \\ \\ & \end{array} \\ \\ \end{array} \\ \begin{array} \\ & \end{array} \\ \\ \begin{array} \\ & \end{array} \\ \begin{array} \\ & \end{array} \\ \\ \end{array} \\ \begin{array} \\ \end{array} \\ \begin{array} \\ \end{array} \\ \begin{array} \\ \end{array} \\ \end{array} \\ \begin{array} \\ \end{array} \\ \end{array}$		220V	Α	2
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC1 with $L/R \le 1$ ms with 4 poles in series			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		≤24V	А	16
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	16
$\begin{array}{c c c c c c c } \hline 220V & A & 2 \\ \hline 220V & A & 7 \\ \hline 48V & A & 6 \\ \hline 75V & A & 2 \\ \hline 110V & A & 1 \\ 220V & A & - \\ \hline 220V & A & 0 \\ \hline 48V & A & 10 \\ \hline 75V & A & 6 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 220V & A & 0,8 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0 \\ \hline 75V & A & 6 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 800V & A & 72 \\ \hline 800V & A & 72$		75V	А	10
$\begin{array}{c c c c c c c } \hline 220V & A & 2 \\ \hline 220V & A & 7 \\ \hline 48V & A & 6 \\ \hline 75V & A & 2 \\ \hline 110V & A & 1 \\ 220V & A & - \\ \hline 220V & A & 0 \\ \hline 48V & A & 10 \\ \hline 75V & A & 6 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 120V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 220V & A & 0,8 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0 \\ \hline 75V & A & 6 \\ \hline 110V & A & 5 \\ \hline 220V & A & 0,8 \\ \hline 800V & A & 72 \\ \hline 800V & A & 72$		110V	А	
iEC max current le in DC3-DC5 with L/R ≤ 15ms with 1 poles in series				
$\begin{aligned} & \leq 24 \vee & A & 7 \\ & 48 \vee & A & 6 \\ & 75 \vee & A & 2 \\ & 110 \vee & A & 1 \\ & 220 \vee & A & - \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series $\begin{aligned} & \leq 24 \vee & A & 8 \\ & 48 \vee & A & 8 \\ & 75 \vee & A & 5 \\ & 110 \vee & A & 4 \\ & 220 \vee & A & - \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\begin{aligned} & \leq 24 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 75 \vee & A & 6 \\ & 110 \vee & A & 5 \\ & 220 \vee & A & 0.8 \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{aligned} & \leq 24 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 75 \vee & A & 6 \\ & 110 \vee & A & 5 \\ & 220 \vee & A & 0.8 \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{aligned} & \leq 24 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 75 \vee & A & 6 \\ & 110 \vee & A & 5 \\ & 220 \vee & A & 0.8 \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{aligned} & \leq 24 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 75 \vee & A & 6 \\ & 110 \vee & A & 5 \\ & 220 \vee & A & 0.8 \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{aligned} & \leq 24 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 75 \vee & A & 6 \\ & 110 \vee & A & 5 \\ & 220 \vee & A & 0.8 \end{aligned}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series $\begin{aligned} & \leq 24 \vee & A & 10 \\ & 48 \vee & A & 10 \\ & 75 \vee & A & 6 \\ & 110 \vee & A & 5 \\ & 220 \vee & A & 0.8 \end{aligned}$ IEC max current for 10s (IEC/EN60947-1) & A & 96 \end{aligned} Protection fuse $\begin{aligned} & \qquad & $	IEC max current le in DC3-DC5 with L/R \leq 15ms with 1 poles in series			
$ \begin{array}{cccc} 48 \vee & A & 6 \\ 75 \vee & A & 2 \\ 110 \vee & A & 1 \\ 220 \vee & A & - \\ \end{array}$		<24\/	Δ	7
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
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1EC max current le in DC3-DC5 with L/R ≤ 15ms with 2 poles in series 48V A 8 75V A 5 110V A 4 220V A - 12C max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series 48V A 10 75V A 6 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 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 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 12C max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series 12C max current le in DC3-DC5 wit				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{aligned} & \begin{array}{ccccccccccccccccccccccccccccccccccc$	IEC may aurrent to in DC2 DC5 with L/P < 15mg with 2 palag in agrica	220 V	~	_
$ \begin{array}{cccccc} 48V & A & 8\\ 75V & A & 5\\ 110V & A & 4\\ 220V & A & -\\ \end{array} \end{array}$ IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	TEC max current le in DC3-DC3 with L/R ≤ 15ms with 2 poles in series	<241	٨	0
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
IEC max current le in DC3-DC5 with L/R ≤ 15ms with 3 poles in series $\begin{array}{cccccccccccccccccccccccccccccccccccc$				4
$\begin{aligned} & \begin{array}{ccccccccccccccccccccccccccccccccccc$		220V	A	-
$ \begin{array}{cccc} 48V & A & 10 \\ 75V & A & 6 \\ 110V & A & 5 \\ 220V & A & 0,8 \end{array} \end{array} $	IEC max current le in DC3-DC5 with L/R \leq 15ms with 3 poles in series			
$\begin{array}{cccc} 75 & A & 6 \\ 110 & A & 5 \\ 220 & A & 0,8 \end{array} \\ \hline \begin{tabular}{lllllllllllllllllllllllllllllllllll$		≤24V	Α	10
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		48V	А	10
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		75V	А	6
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$		110V	А	5
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$		220V	А	0,8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	IEC max current le in DC3-DC5 with L/R ≤ 15ms with 4 poles in series			
48V A 10 75V A 6 110V A 5 220V A 0,8 Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Shout - to it and the set of the		≤24V	А	10
$\begin{array}{c cccc} 75 & A & 6 \\ 110 & A & 5 \\ 220 & A & 0,8 \end{array} \\ \hline \end{array}$				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $				
220V A 0,8 Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 500V A 72 500V A 72 690V A 72 690V A 72 Resistance per pole (average value) mΩ 10 10 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) mIn Nm 440.3 AC-3 W 0.81 10 Tightening torque for terminals min Nm 1.3 Tightening torque for coil terminals min Nm 1.3 Tightening torque for coil terminal min Nm 0.8 Tightening torque for coil terminal min Nm 1.3				
Short-time allowable current for 10s (IEC/EN60947-1) A 96 Protection fuse gG (IEC) A 20 aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 Solov A 72 G90V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) mΩ 10 Power dissipation per pole (average value) mín Nm 0.81 Tightening torque for terminals min Nm 0.8 Tightening torque for coil terminal min Nm 1 Tightening torque for coil terminal min Nm 1				
Protection fuse gG (IEC) A 20 aM (IEC) A 10 Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 S00V A 72 500V A 72 Resistance per pole (average value) mΩ 10 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 1 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	Short-time allowable current for 10s (IEC/EN60947-1)	220 V		
gG (IEC) aM (IEC)A20 aM (IEC)Making capacity (RMS value)A92Breaking capacity at voltage440V 500VA72 690VBreaking capacity at voltage440V 690VA72 72Resistance per pole (average value)mΩ10Power dissipation per pole (average value)Ith 			~	30
aM (IEC)A10Making capacity (RMS value)A92Breaking capacity at voltage440VA72500VA72690VA72Resistance per pole (average value)mΩ10Power dissipation per pole (average value)IthW4AC-3W0.81Tightening torque for terminalsminNm0.8minlbin9maxlbinTightening torque for coil terminalminNm1.8minNm1.8maxNm1Tightening torque for coil terminalminNm0.8minNm111	FICIECIIOITIUSE		٨	20
Making capacity (RMS value) A 92 Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 Resistance per pole (average value) mΩ 10 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 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 min 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 1 1		- · ·		
Breaking capacity at voltage 440V A 72 500V A 72 690V A 72 690V A 72 Resistance per pole (average value) Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 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		am (IEC)		
440V A 72 500V A 72 690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Max Nm 1 Tightening torque for terminals min Nm 0.8 Max Nm 1 Tightening torque for coil terminal min Ibin 9 1 1 Tightening torque for coil terminal min Nm 0.8 Max Nm 1 Tightening torque for coil terminal min Nm 1 1 1			A	92
500VA72690VA72Resistance per pole (average value)mΩ10Power dissipation per pole (average value)IthW4AC-3W0.81Tightening torque for terminalsminNm0.8maxNm1min1bin9maxIbin9Tightening torque for coil terminalminNm0.8maxNm11MaxNm11MaxNm11MaxNm11MaxNm11	Breaking capacity at voltage			
690V A 72 Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 min Nm 0.8 max Nm 1 Tightening torque for coil terminal min Ibin 9 Tightening torque for coil terminal min Nm 0.8 Max Nm 1 0.8 max Ibin 9 0.8				
Resistance per pole (average value) mΩ 10 Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 max Nm 1 9 Tightening torque for coil terminal min Nm 0.8 Min Nm 1 1			А	
Power dissipation per pole (average value) Ith W 4 AC-3 W 0.81 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		690V		
Ith W 4 AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 1 min Ibin 9 1 Tightening torque for coil terminal min Nm 0.8 min Nm 1 1 min Ibin 9 1 Tightening torque for coil terminal min Nm 0.8 min Nm 0.8 1	Resistance per pole (average value)		mΩ	10
AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 min Nm 0.8 0.8 min Nm 0.8 0.8 min Nm 0.8 0.8 max Nm 1 0.8	Power dissipation per pole (average value)			
AC-3 W 0.81 Tightening torque for terminals min Nm 0.8 max Nm 1 min Ibin 9 Tightening torque for coil terminal min Nm 0.8 min Nm 0.8 0.8 max Nm 0.8 0.8 min Nm 0.8 0.8 max Nm 1 0.8		lth	W	4
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	Tightening torque for terminals			
maxNm1minIbin9maxIbin9Tightening torque for coil terminalminNm0.8maxNm1		min	Nm	0.8
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	Tightoning torque for coll terminal	Παλ		3
max Nm 1	ngmening lorque for conterminal		N Las	0.0
min Ibin 9				
		min	Ibin	9



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ENERGY AND AUTOMATION				KONTAK
		max	Ibin	9
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		max		12
	Flexible w/o lug conductor section			
		min	mm²	0.75
		max	mm²	2.5
	Flexible c/w lug conductor section			
		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 protect	ction according to IEC/EN 60529			IP20 when properly wired
Mechanical features				
Operating position				
		normal		Vertical plan

	normai	ventical plan
	allowable	±30°
Eiving		Screw / DIN rail
Fixing		35mm
Weight	g	178
Conductor costion		

Conductor section

AWG/kcmil conductor section

	max		12
Auxiliary contact characteristics			
Thermal current Ith		А	10
IEC/EN 60947-5-1 designation			A600 - Q600
Operating current AC15			
	230V	А	3
	400V	А	1.9
	500V	А	1.4
Operating current DC12			
	110V	А	2.9
Operating current DC13			
	24V	А	2.9
	48V	А	1.4
	60V	А	1.2
	110V	А	0.6
	125V	А	0.55
	220V	А	0.3
	600V	А	0.1
Operations			
Mechanical life		cycles	2000000
Electrical life		cycles	500000
Safety related data			
Performance level B10d according to EN/ISO 13489-1			
	rated load	cycles	500000
	mechanical load	cycles	2000000
Mirror contats according to IEC/EN 609474-4-1			yes
EMC compatibility			yes
AC coil operating			

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TŘÍPÓLOVÝ MINISTYKAČ, JMENOVITÝ PROUD IE (AC3)=9A, CÍVKA 24VAC, 1Z POMOCNÝ KONTAKT

Rated AC voltage at 5	50/60Hz			V	24
AC operating voltage					
	of 50/60Hz coil	powered at 50Hz			
		pick-up	_		
			min	%Us	75
		dana and	max	%Us	115
		drop-out	min	0/110	20
			min	%Us %Us	20 55
		powered at 60Hz	max	%05	55
		powered at oonz pick-up			
		ρισκ-αρ	min	%Us	80
			max	%Us	115
		drop-out	Пах	/000	110
			min	%Us	20
			max	%Us	55
AC average coil consi	umption at 20°C			-	
0		powered at 50Hz			
			in-rush	VA	30
			holding	VA	4
	of 50/60Hz coil	powered at 60Hz			
			in-rush	VA	25
			holding	VA	3
	of 60Hz coil pov	vered at 60Hz			
			in-rush	VA	30
			holding	VA	4
Dissipation at holding				W	0.95
Max cycles frequency					
Mechanical operation				cycles/h	3600
Operating times				cycles/h	3600
	ontrol			cycles/h	3600
Operating times				cycles/h	3600
Operating times	ontrol	Closing NO	min		
Operating times	ontrol	Closing NO	min	ms	12
Operating times	ontrol		min max		
Operating times	ontrol	Closing NO Opening NO	max	ms ms	12 21
Operating times	ontrol		max	ms ms ms	12 21 9
Operating times	ontrol	Opening NO	max	ms ms	12 21
Operating times	ontrol		max min max	ms ms ms ms	12 21 9 18
Operating times	ontrol	Opening NO	max min max min	ms ms ms ms ms	12 21 9 18 17
Operating times	ontrol	Opening NO	max min max	ms ms ms ms	12 21 9 18
Operating times	ontrol	Opening NO Closing NC	max min max min	ms ms ms ms ms	12 21 9 18 17
Operating times	ontrol	Opening NO Closing NC	max min max min max	ms ms ms ms ms	12 21 9 18 17 26
Operating times	ontrol	Opening NO Closing NC Opening NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7
Operating times	ontrol in AC	Opening NO Closing NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7 17
Operating times	ontrol in AC	Opening NO Closing NC Opening NC	max min max min max min	ms ms ms ms ms ms	12 21 9 18 17 26 7 17 18
Operating times	ontrol in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17
Operating times	ontrol in AC	Opening NO Closing NC Opening NC	max min max min max min max	ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17
Operating times	ontrol in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max min max min	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2
Operating times	ontrol in AC	Opening NO Closing NC Opening NC Closing NO Opening NO	max min max min max min max	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17
Operating times	ontrol in AC	Opening NO Closing NC Opening NC Closing NO	max min max min max min max min max min max	ms ms ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2 3
Operating times	ontrol in AC	Opening NO Closing NC Opening NC Closing NO Opening NO	max min max min max min max min max min	ms ms ms ms ms ms ms ms	12 21 9 18 17 26 7 17 17 18 25 2



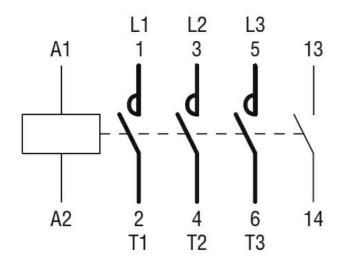
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0	pening NC		
-	min	ms	11
	max	ms	17
UL technical data			
Full-load current (FLA) for three-phase AC motor			
	at 480V	А	7.6
	at 600V	A	6.1
Yielded mechanical performance			
for single-phase AC moto			o =
	110/120V	HP	0.5
for three phase AC mater	230V	HP	1.5
for three-phase AC motor	200/208V	HP	2
	220/208V 220/230V	HP	3
	460/480V	HP	5
	575/600V	HP	5
General USE	0.0000		~
Contactor			
	AC current	А	20
Short-circuit protection fuse, 600V			
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
<u></u>	Fuse class		RK5
Contact rating of auxiliary contacts according to UL	-		A600 - Q600
Ambient conditions			
Temperature			
Operating temperature	min	°C	-50
	max	°C	+70
Storage temperature	тах	0	110
	min	°C	-60
	max	°Č	+80
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			
$\begin{array}{c} 4.4 \\ (0.17") \\ (0.17") \\ (0.17") \\ (0.17") \\ (0.33") \\ (0.$		58 (2.28") 58	57 .24") RF9 9 9
Wiring diagrams	(1.13)		()

Wiring diagrams



11BG0910A024 TŘÍPÓLOVÝ MINISTYKAČ, JMENOVITÝ PROUD IE (AC3)=9A, CÍVKA 24VAC, 1Z POMOCNÝ KONTAKT



Certifications and compliance

Compliance

Compliance	
	CSA C22.2 n° 60947-1
	CSA C22.2 n° 60947-4-1
	IEC/EN 60947-1
	IEC/EN 60947-4-1
	UL 60947-1
	UL 60947-4-1
Certificates	
	CCC
	cULus
	EAC
ETIM classification	

ETIM 8.0

EC000066 -Power contactor, AC switching