



Product type designation 11BGX10 Contact characteristics  Intervention  Product type designation  Intervention  Interventin  Intervention  Intervention  Intervention  Intervention  In	Product designation				Auxiliary contact
Contact characteristics         Nr.         4           Number of poles         Nr.         4           Rated insulation voltage UITEC/EN         V         690           Rated insulation voltage Uimp         kV         6           IEC Conventional free air thermal current Ith         A         10           Tightening torque for terminals         min         Nm         0.8           min         Ibin         9         min         Ibin         9           Tightening torque for coil terminal         min         Ibin         9         min         Ibin         9           Max number of wires simultaneously connectable         Nr.         2         Conductor section         Nr.         2           Conductor section         min         min         mm?         0.75         max         mm?         0.75           Flexible with insulated spade lug conductor section         min         min         min         mm?         2.5           Mechanical features         on ormal         On vertical plane         Any           Fixing         moreal         Any         Front centre           Weight         g         2.8         Terminals screw         Screw           Conductor section         mi	-	tion			•
Number of poles         Nr.         4           Rated insulation voltage Uin (EC/EN)         V         690           Rated insulation voltage Uinp         KV         6           EC Conventional free air thermal current Ith         A         10           Tightening torque for terminals         min         Nm         0.8           max         Nm         1         min         Nm         0.8           max         Ibin         9         min         Nm         1           Tightening torque for coil terminal         min         Ibin         9         min         Nm         1           Max number of wires simultaneously connectable         Nr.         2         Conductor section         Nr.         2           Conductor section         min         min         mm <sup>2</sup> 0.75         mm <sup>2</sup> 2.5           Flexible w/o lug conductor section         min         mm <sup>2</sup> 0.75         mm <sup>2</sup> 2.5           Mechanical features         mm <sup>2</sup> 0.75         mm <sup>2</sup> 2.5         5           Mechanical features         mm <sup>2</sup> 0.75         mm <sup>2</sup> 2.5         5           Operating position         normal         normal         On vertica					TIB C/ TIC
Rated insulation voltage Ui IEC/EN         V         690           Rated impulse withstand voltage Uimp         KV         6           IEC conventional free air thermal current Ith         A         10           Tightening torque for terminals         min         Nm         0.8           max         Nm         1         min         Nm         1           Tightening torque for coll terminals         min         Nm         1         min         9           Tightening torque for coll terminal         min         Ibin         9         max         Nm         1           Max number of wires simultaneously connectable         Nr.         2         0         0         75           Conductor section         MWG/Kcmil         max         12         12         12           Flexible w/o lug conductor section         min <mm²< td="">         0.75         max         mm²         2.5           Mechanical features         min         min         mm²         2.5         12           Operating position         min         mm²         0.75         max         mm²         2.5           Mechanical features         On vertical plane         allowable         Any         10         14           <t< td=""><td></td><td></td><td></td><td>Nr</td><td>4</td></t<></mm²<>				Nr	4
Rated impulse withstand voltage Uimp         kV         6           IEC Conventional free air thermal current lth         A         10           Tightening torque for terminals         min         Nm         0.8           max         Nm         1         min         blin         9           Tightening torque for coll terminal         min         blin         9         9           Tightening torque for coll terminal         min         blin         9         9           Max number of wires simultaneously connectable         Nr.         2         2           Conductor section         min         min         mm²         0.75           Max         mm²         0.75         max         mm²         0.75           Flexible v/o lug conductor section         min         mm²         0.75         max         mm²         2.5           Flexible v/w lug conductor section         min         mm²         0.75         max         m²         2.5           Mechanical features         mormal allowable         Any         Nr         2.5         5           Mechanical features         g         2.8         mormal allowable         Any         Nr         1.5           Fixing         no					
IEC Conventional free air thermal current lth       A       10         Tightening torque for terminals       min       Nm       0.8         max       Nm       1       min       Nm       1         min       bin       9       max       Ibin       9         Tightening torque for coil terminal       min       Ibin       9         Max number of wires simultaneously connectable       Nr.       2         Conductor section       AWG/Kcmil       max       12         Flexible v/o lug conductor section       min       mm²       0.75         max       mm²       0.75       max       mm²       2.5         Flexible v/w lug conductor section       min       mm²       0.75       max       mm²       2.5         Flexible v/w lug conductor section       min       mm²       0.75       max       m²       2.5         Mechanical features       Operating position       mm²       0.75       max       m²       2.5         Veight       g       28       Terminals screw       Screw       Screw       Screw       Screw         Conductor section       IEC       max       m²       1 or 2 x 2.5       Screw       Screw       Scr					
Tightening torque for terminals       min       Nm       0.8         max       Nm       1       min       lbin       9         Tightening torque for coil terminal       min       lbin       9       max       lbin       9         Max number of wires simultaneously connectable       Nr.       2       2       2       2         Conductor section       Mix       max       12       12       12         Flexible w/o lug conductor section       min       mm²       0.75       2.5         Flexible c/w lug conductor section       min       mm²       2.5       5         Flexible with insulated spade lug conductor section       min       mm²       2.5       5         Mechanical features       max       mm²       2.5       5       5         Operating position       normal       mm²       0.75       max       mm²       2.5         Mechanical features       using       mm²       0.75       5       5         Operating position       normal       on vertical plane       Any       75         Fixing       g       28       5       5       5         Veight       g       28       5       5	· · · · · · · · · · · · · · · · · · ·				
min     Nm     0.8       max     Nm     1       min     Ibin     9       Tightening torque for coil terminal     min     Ibin     9       Max number of wires simultaneously connectable     Nr.     2       Conductor section     Nr.     2       Flexible w/o lug conductor section     min     mm²     0.75       max     mm²     2.5       Flexible c/w lug conductor section     min     mm²     0.75       max     mm²     2.5       Flexible c/w lug conductor section     min     mm²     0.75       max     mm²     2.5       Flexible with insulated spade lug conductor section     min     mm²     0.75       max     mm²     2.5     5       Flexible with insulated spade lug conductor section     min     mm²     0.75       max     mm²     2.5     5       Mechanical features     mormal     On vertical plane       Operating position     normal     On vertical plane       fixing     g     28       Terminals screw     Screw     Screw       Conductor section     max     ma²     10       iEC     max     mm²     1 or 2 x 2.5       Ausilary contact     fieC	-				
max         Nm         1           min         lbin         9           Tightening torque for coil terminal         min         lbin         9           Max number of wires simultaneously connectable         Nr.         2           Conductor section         Nr.         2           Conductor section         max         12           Flexible w/o lug conductor section         mm²         0.75           max         mm²         2.5           Flexible c/w lug conductor section         min         mm²         2.5           Flexible c/w lug conductor section         min         mm²         2.5           Machanical features         0.75         max         mm²         2.5           Mechanical features         0.75         max         mm²         2.5           Mechanical features         0.75         max         mm²         2.5           Mechanical features         Ug conductor section         min         mm²         2.5           Mechanical features         Ug conductor section         mm²         2.5           Mechanical features         Ug conductor section         On vertical plane           fixing         g         2.8         Screw           C			min	Nm	0.8
min       Ibin       9         Tightening torque for coil terminal       min       Ibin       9         Max number of wires simultaneously connectable       Nr.       2         Conductor section       Max       Nr.       2         Conductor section       min       mm²       12         Flexible w/o lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible c/w lug conductor section       min       mm²       2.5         Flexible with insulated spade lug conductor section       mm²       0.75         max       mm²       2.5       5         Flexible with insulated spade lug conductor section       min       mm²       2.5         Mechanical features       max       mm²       2.5         Operating position       min       mm²       2.5         Fixing       mormal allowable       Any       Any         Fixing       g       2.8       3         Terminals screw       Screw       Screw       3         Conductor section       max       max       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics					
max         lbin         9           Tightening torque for coil terminal         min         lbin         9           Max number of wires simultaneously connectable         Nr.         2           Conductor section         Max         12           AWG/Kcmil         max         12           Flexible w/o lug conductor section         mm²         0.75           max         mm²         2.5           Flexible c/w lug conductor section         min         mm²         2.5           Flexible with insulated spade lug conductor section         min         mm²         2.5           Mechanical features         0.75         max         mm²         2.5           Operating position         min         mm²         2.5         10.75           Fixing         normal allowable         On vertical plane Any         max         ma²         2.5           Veight         g         2.8         5         5         5         5           Conductor section         normal allowable         Any         5         5           Mechanical features         screw         5         5         5           Operating position         g         2.8         5         5 <tr< td=""><td></td><td></td><td></td><td></td><td></td></tr<>					
Tightening torque for coll terminal       min       lbin       9         Max number of wires simultaneously connectable       Nr.       2         Conductor section       Mr.       2         Conductor section       max       12         Flexible w/o lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible c/w lug conductor section       min       mm²       0.75         max       mm²       0.75       max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       0.75         max       mm²       0.75       max       mm²       2.5         Mechanical features       0       0.75       max       mm²       2.5         Operating position       mormal allowable       Any       Any       Fixing       Front centre mounting         Veight       g       g       28       Screw       Screw       Screw         Conductor section       max       max       12       12       12         IEC       max       mm²       1 or 2 x 2.5       XMillary contact characteristics       max       max       max       10					
min     lbin     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     0.75       max     mm²     2.5       Flexible with insulated spade lug conductor section     min     mm²     0.75       max     mm²     2.5       Mechanical features     min     mm²     0.75       Operating position     mormal     On vertical plane       Aveght     g     28       Terminals screw     g     28       Conductor section     max     max     12       IEC     max     max     12       Terminals screw     Screw     Screw     2       Conductor section     max     max     12       IEC     max     max     12       Terminal screw     Screw     2     2       Terminal current lth     A     10	Tightening torgue for	coil terminal			
max         lbin         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         2.5           Flexible with insulated spade lug conductor section         min         mm²         2.5         Textual sector           Mechanical features         0.75         max         mm²         2.5           Operating position         min         mm²         2.5           Fixing         mormal allowable         On vertical plane Any           Fixing         g         28           Terminats screw         Screw         Screw           Conductor section         max         m12           IEC         max         12           IEC         max         12           Terminats screw         Screw         Screw           Conductor section         max         m2           IEC         max         m2         1 or 2 x 2.5           Muxiliary contact characteristites         max			min	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       0.75         max       mm²       2.5         Flexible c/w lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       0.75         Mechanical features       mm²       0.75       max       mm²       2.5         Operating position       normal       On vertical plane       Any       Front centre       mounting         Weight       g       28       Erminals screw       Screw       Screw       Screw         Conductor section       max       mm²       1 or 2 x 2.5       Muxiliary contact characteristics         Type of contact       Thermal current lth       A       10					
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       0.75         max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       2.5         Mechanical features       0.75       max       mm²       2.5         Operating position       normal allowable       Any       Front centre mounting         Fixing       Front centre mounting       On vertical plane         Meight       g       28       Screw         Conductor section       Max       12       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       Type of contact       1 NO+3NC       10	Max number of wires	simultaneously connectable			
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       2.5         Flexible with insulated spade lug conductor section       min       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       2.5         Mechanical features       0.75       max       mm²       2.5         Mechanical features       0       0       normal       0       0         Fixing       g       2.8       1       1       1       1					
max     12       Flexible w/o lug conductor section     min     mm²     0.75       max     mm²     2.5       Flexible c/w lug conductor section     min     mm²     0.75       max     mm²     2.5       Flexible with insulated spade lug conductor section     min     mm²     2.5       Mechanical features     0.75     max     mm²     2.5       Operating position     normal     0n vertical plane       Any     normal     On vertical plane       Fixing     g     28       Terminals screw     g     28       Conductor section     max     12       IEC     max     mm²     1 or 2 x 2.5       Auxiliary contact characteristics     max     mm²     1 or 2 x 2.5		AWG/Kcmil			
Flexible w/o lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible c/w lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       0.75         Mechanical features       0.75       max       mm²       2.5         Mechanical features       0.75       max       mm²       2.5         Operating position       mm²       0.75       max       mm²       2.5         Mechanical features       0       on vertical plane       allowable       Any         Fixing       refront centre mounting       On vertical plane       Any       Front centre mounting         Weight       g       28       Terminals screw       Screw       Screw         Conductor section       max       12       IEC       Screw       Screw         IEC       max       mm²       1 or 2 x 2.5       Auxiliary contact characteristics       Type of contact       1NO+3NC         Thermal current lth       A       10       A       10       A			max		12
min       mm       mm²       0.75         max       mm²       2.5         Flexible c/w lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       2.5         Mechanical features       0.75       max       mm²       2.5         Operating position       mm²       2.5       10       10         Fixing       0.75       max       mm²       2.5         Mechanical features       00       vertical plane       10       10         Fixing       g       28       10       10       10       10		Elexible w/o lug conductor section			
max       mm²       2.5         Flexible c/w lug conductor section       min       mm²       0.75         max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       2.5         Mechanical features       0.75       max       mm²       2.5         Operating position       mm²       0.75       max       mm²       2.5         Mechanical features       00       vertical plane       Any       10       10         Fixing       g       28       10       10       10       10       10			min	mm²	0.75
Flexible c/w lug conductor section       min mm² 0.75 max         max       mm² 2.5         Flexible with insulated spade lug conductor section       min mm² 0.75 max         min mm² 2.5       mm² 2.5         Mechanical features       0.75 max         Operating position       normal allowable       Any         Fixing       0.75 max       mr² 2.5         Mechanical features       0.75 max       mr² 2.5         Operating position       normal allowable       Any         Fixing       g 2.8       Front centre mounting         Weight       g 2.8       Screw         Conductor section       Screw       Screw         Conductor section       max       12         IEC       max       mm² 1 or 2 x 2.5         Auxiliary contact characteristics       max       max         Type of contact       1NO+3NC         Thermal current lth       A       10					
minmm²0.75 maxminmm²2.5Flexible with insulated spade lug conductor sectionminmm²minmm²0.75 max2.5Mechanical features0yOperating positionnormalOn vertical plane allowableFixingnormalOn vertical plane 		Flexible c/w lug conductor section			
max       mm²       2.5         Flexible with insulated spade lug conductor section       min       mm²       0.75         max       mm²       2.5         Mechanical features       0.75       max       mm²       2.5         Operating position       normal       On vertical plane       allowable       Any         Fixing       rorn centre       mounting       Front centre       mounting         Weight       g       28       Screw       Conductor section         Conductor section       AWG/kcmil conductor section       Screw       Screw         IEC       max       12       IZ         Auxiliary contact characteristics       max       10       10		5	min	mm²	0.75
Flexible with insulated spade lug conductor section       min       mm²       0.75         max       mm²       2.5         Mechanical features       normal       On vertical plane         Auxiliary contact characteristics       g       28         Terminals screw       Screw       Screw         Conductor section       max       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       Thormal       MO       MO         Thermal current lth       A       10       10			max	mm²	2.5
minmm20.75 max0.75 mm22.5Mechanical features2.5Operating positionnormal allowableOn vertical plane AnyFixingnormal allowableOn vertical plane AnyFixingg28Terminals screwScrewConductor sectionScrewAWG/kcmil conductor sectionmax12IECmaxmm2Auxiliary contact characteristicsI or 2 x 2.5Auxiliary contact characteristicsINO+3NCThermal current lthA10		Flexible with insulated spade lug conductor section			
Mechanical features         Operating position         normal allowable       On vertical plane allowable         Any         Fixing       Front centre mounting         Weight       g       28         Terminals screw       Screw         Conductor section       Screw         AWG/kcmil conductor section       max       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       INO+3NC         Thermal current lth       A       10			min	mm²	0.75
Operating position       normal allowable       On vertical plane allowable         Fixing       Any         Fixing       Front centre mounting         Weight       g       28         Terminals screw       Screw         Conductor section       Screw         AWG/kcmil conductor section       max       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       Type of contact       1NO+3NC         Thermal current lth       A       10			max	mm²	2.5
normal allowable     On vertical plane Any       Fixing     Front centre mounting       Weight     g     28       Terminals screw     Screw       Conductor section     Screw       AWG/kcmil conductor section     Screw       IEC     max     12       IEC     max     10	Mechanical features				
allowable     Any       Fixing     Front centre mounting       Weight     g     28       Terminals screw     Screw       Conductor section     Screw       AWG/kcmil conductor section     max     12       IEC     max     mm²     1 or 2 x 2.5       Auxiliary contact characteristics     Type of contact     1NO+3NC       Thermal current lth     A     10	Operating position				
Fixing       Front centre mounting         Weight       g       28         Terminals screw       Screw         Conductor section       AWG/kcmil conductor section			normal		On vertical plane
Fixing       mounting         Weight       g       28         Terminals screw       Screw         Conductor section       Screw         AWG/kcmil conductor section       max       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       INO+3NC         Type of contact       A       10			allowable		Any
Weight       g       28         Terminals screw       Screw         Conductor section       MWG/kcmil conductor section         AWG/kcmil conductor section       max         IEC       max         Max       mm²         1 or 2 x 2.5         Auxiliary contact characteristics       1 or 2 x 2.5         Type of contact       1 NO+3NC         Thermal current lth       A	Fiving				Front centre
Terminals screw       Screw         Conductor section       AWG/kcmil conductor section         Max       12         IEC       max         max       1 or 2 x 2.5         Auxiliary contact characteristics       max         Type of contact       1NO+3NC         Thermal current lth       A       10	Fixing				mounting
Conductor section       AWG/kcmil conductor section         max       12         IEC       max       mm²         Musiliary contact characteristics       max       mm²         Type of contact       1NO+3NC         Thermal current lth       A       10	Weight			g	28
AWG/kcmil conductor section       max       12         IEC       max       mm²       1 or 2 x 2.5         Auxiliary contact characteristics       max       m²       1 or 2 x 2.5         Type of contact       1NO+3NC       10	Terminals screw				Screw
max         12           IEC         max         mm²         1 or 2 x 2.5           Auxiliary contact characteristics         Imm²         1 or 2 x 2.5           Type of contact         Imm²         1 or 2 x 2.5           Type of contact         Imm²         1 or 2 x 2.5           Thermal current lth         A         10	Conductor section				
IEC     max     mm²     1 or 2 x 2.5       Auxiliary contact characteristics     INO+3NC       Type of contact     1NO+3NC       Thermal current lth     A     10		AWG/kcmil conductor section			
maxmm²1 or 2 x 2.5Auxiliary contact characteristics			max		12
Auxiliary contact characteristicsType of contact1NO+3NCThermal current lthA10		IEC			
Type of contact     1NO+3NC       Thermal current lth     A     10			max	mm²	1 or 2 x 2.5
Thermal current lth A 10	Auxiliary contact chara	acteristics			
	Type of contact				1NO+3NC
IEC/EN 60947-5-1 designation A600 - Q600	Thermal current Ith			A	10
	IEC/EN 60947-5-1 designation				A600 - Q600

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Operating current AC15			
	230V	A	3
	400V	А	1.9
	500V	Α	1.4
Operating current DC13			
	24V	А	3
	48V	А	1.5
	60V	Α	1.2
	110V	Α	0.6
	125V	Α	0.55
	220V	Α	0.27
	600V	Α	0.1
Electrical characteristics			
Conductivity			5V 10 mA
JL/CSA and IEC/EN 60947-5-1 designation			A600 Q600
Operating current AC15			
	120V	А	6
	240V	А	3
	480V	А	1.5
	600V	Α	1.2
Operating current DC13			
	12V	Α	10
	250V	Α	0.27
	440V	Α	0.15
	500V	Α	0.13
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-50
	max	°C	+70
Storage temperature			
	min	°C	-60
	max	°C	+80
Max altitude		m	3000
Dimensions [mm (in)]			
44 (3.23") (3.23") 20	<b></b> 1		
(1.73") $(3.23")$	6		
	12")		
	( 2		
	6 02")		

11BGX1013

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Wiring diagrams

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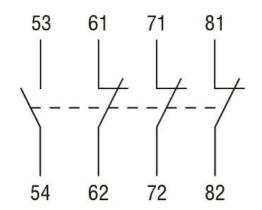
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## Certifications and compliance

Compliance		
-	CSA C22.2 n° 60947-1	
	CSA C22.2 n° 60947-5-1	
	IEC/EN 60947-1	
	IEC/EN 60947-5-1	
	UL 60947-1	
	UL 60947-5-1	
Certificates		
	CCC	
	cULus	
	EAC	
ETIM classification		
		EC000041 -

ETIM 8.0

EC000041 -Auxiliary contact block