



Product type designation BFX10C Contact characteristics Nr. 1 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uinp 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 Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 14 Flexible w/o lug conductor section 14 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 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 Flexible with insulated spade lug conductor section min mm² 2.5 Max min mm² 0.75 max	Droduct designation				
Contract characteristics Number of poles Nr. 1 Rated insulation voltage UI IEC/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 max Nm 1 min Nm 0.8 Conductor section max Nr. 2 Conductor section Flexible c/w lug conductor section min mm² 0.75 Mechanical features Or entical plane Any Operating position ormal On vertical plane Any <t< td=""><td colspan="3">Product designation</td><td></td><td>Auxiliary contact</td></t<>	Product designation				Auxiliary contact
Number of poles Nr. 1 Rated insulation voltage Uin IEC/EN V 690 Rated insulation 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 Nm 0.8 Max number of wires simultaneously connectable Nr. 2 2 Conductor section Max 14 14 Flexible w/o lug conductor section min mm ² 0.75 max mm ² 0.75 max mm ² 2.5 Flexible w/o lug conductor section min mm ² 0.75 max mm ² 2.5 Flexible v/o lug conductor section min mm ² 0.75 max mm ² 2.5 Flexible with insulated spade lug conductor section min mm ² 0.75 max mm ² 2.5 Mechanical features normal normal 0n Netical plane					BFX10C
Rated insulation voltage Ui IEC/EN V 630 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 Max number of wires simultaneously connectable Nr. 2 2 Conductor section AWG/Kcmil max 14 Flexible w/o lug conductor section min mm² 0.75 Flexible c/w lug conductor section min mm² 0.75 Flexible with insulated spade lug conductor section min mm² 0.75 Max number Flexible with insulated spade lug conductor section max mm² 2.5 Mechanical features Operating position normal on vertical plane Any Fixing Front mounting Weight g 11 Terminals screw Conductor section AWG/kcmil conductor section max mm² 1 or 2 x 2.5 Mechanical features				Nir	1
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 Ibin 9 Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 14 Fiexible w/o lug conductor section min mm² 0.75 Flexible c/w lug conductor section min mm² 0.75 max m² 2.5 Flexible c/w lug conductor section min min mm² 0.75 max m² 2.5 Mechanical features min min mm² 2.5 5 Mechanical features min min 0.75 max m² 2.5 Mechanical features g 11 mormal 0.0 normal 0.0 normal 1.4 Fixing normal g 11 1 1 1 1					
LEC Conventional free air thermal current lth A 10 Tightening torque for terminals min Nm 0.8 max Nm 1 min Nm 1 min Ibin 7 max Nm 1 max Nm 1 min Nm 1 Max number of wires simultaneously connectable Nr. 2 Conductor section Nr. 2 Conductor section max 14 Flexible w/o lug conductor section mm mm² 0.75 Flexible c/w lug conductor section min mm² 0.75 mm² 2.5 Flexible with insulated spade lug conductor section min mm² 0.75 mm² 2.5 Mechanical features operating position mormal allowable Any 4ny 4ny Fixing g 11 Terminals screw Screw 5crew Conductor section max 14 10 12 x 2.5 Awillow contact characteristics max 14	¥			-	
Tightening torque for terminals min Nm 0.8 max Nm 1 max Nm 1 max Nm 1 max Ibin 7 max Ibin 9 Max number of wires simultaneously connectable Nr. 2 Conductor section Nr. 2 AWG/Kcmil max 14 Flexible w/o lug conductor section min mm² 0.75 max mm² 0.75 max mm² 2.5 Flexible c/w lug conductor section min mm² 0.75 max mm² 2.5 Mechanical features Operating position mm² 0.75 max mm² 2.5 Mechanical features Operating position mm² 0.75 max mm² 2.5 Mechanical features g 11 Terminals screw Screw Conductor section Screw Conductor section Fixing g 11 Terminals screw Screw Screw Conductor section Mm² 1 or 2 x 2.5 <td></td> <td></td> <td></td> <td></td> <td></td>					
min Nm 0.8 max Nm 1 min Niiin 7 max Ibin 9 Max number of wires simultaneously connectable Nr. 2 Conductor section Max 14 Flexible w/o lug conductor section min mm² 0.75 max mm² 2.5 Flexible c/w lug conductor section min mm² 0.75 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 mm² 0.75 max mm² 2.5 Mechanical features mm² 0.75 max mm² 2.5 Operating position mm² 0.75 max mm² 2.5 Fixing g 11 freminals screw Screw Conductor section May 14 IEC max				A	10
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Tightening torque for	terminals			
$\begin{array}{c c c c c c c } & & & & & & & & & & & & & & & & & & &$			min	Nm	0.8
max Ibin 9 Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 14 Flexible w/o lug conductor section min mm ² 2.5 Flexible c/w lug conductor section min mm ² 2.5 Flexible with insulated spade lug conductor section mm ² 0.75 max mm ² 2.5 Flexible with insulated spade lug conductor section mm ² 0.75 max mm ² 2.5 Mechanical features max mm ² 2.5 Operating position mormal On vertical plane 0.75 fixing max mm ² 2.5 Fixing Front mounting May Nr. 2 Conductor section max 11 15 Conductor section max 14 14 IEC max 14 14 IEC max 10 14 IEC 10 10 <			max	Nm	1
Max number of wires simultaneously connectable Nr. 2 Conductor section AWG/Kcmil max 14 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 mormal allowable Any mm² 2.5 Mechanical features 0n vertical plane Any mm² 2.5 Operating position normal allowable Any Front mounting Vieight g 11 Terminals screw Screw Conductor section AWG/kcmil conductor section max ma² 1 or 2 x 2.5 Auxillary contact theracteristics max mm² 1 or 2 x 2.5 Type of contact 1NO max ma² 10 Thermal current lth A 10 10 IEC/EN 60947-			min	lbin	7
Conductor section AWG/Kcmil max 14 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 Operating position normal 0.7 s mm² 2.5 Fixing Front mounting On vertical plane Any Fixing g 11 Terminals screw Screw Conductor section g 11 Terminals screw Screw Conductor section max nm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Type of contact 1NO 1 Thermal current th A 10 IEC max max 140 1 1 1 IEC max nm² 1 or 2 x 2.5			max	Ibin	9
AWG/Kcmil max 14 Flexible w/o lug conductor section min mm² 0.75 max mm² 2.5 mm² 0.75 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 Operating position min mm² 0.75 max mm² 2.5 Fixing Front mounting On vertical plane allowable Any Front mounting Veight Gn vertical plane allowable Any 10 10 10 2.5 11 11 11 12 12 12 12 12 12 12 12 11 11 11 11 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12	Max number of wires	simultaneously connectable		Nr.	2
max 14 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 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 Ma² 1.1 Texing g 11	Conductor section				
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 mm² 0.75 Operating position normal On vertical plane allowable Any Front mounting Weight g 11 Terminals screw Conductor section Screw Screw Conductor section max 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Type of contact 1NO 1NO 10 10 Thermal current lth A 10 10 10 10 IEC/EN 60947-5-1 designation A600 - Q600 00 00 230V A 3 <		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 max mm² 2.5 Mechanical features mm² 0.75 Operating position normal On vertical plane allowable Any Front mounting Weight g 11 Terminals screw Conductor section Screw Screw Conductor section max 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Type of contact 1NO 1NO 10 10 Thermal current lth A 10 10 10 10 IEC/EN 60947-5-1 designation A600 - Q600 00 00 230V A 3 <			max		14
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 2.5 Flexible with insulated spade lug conductor section mm² 0.75 Max mm² 2.5 Mechanical features 0.75 Operating position mm² 2.5 Fixing Front mounting On vertical plane allowable Any Fixing g 11 Front mounting Weight g 11 Screw Conductor section max mm² 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max 14 10 IEC/EN 60947-5-1 designation A 600 - Q600 A600 - Q600 Operating current AC15 230V A 3		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 mm² 0.75 max mm² 2.5 Mechanical features mm² 0.75 Operating position mm² 2.5 Mechanical features 0n vertical plane allowable Any Fixing Front mounting Pront mounting Weight g 11 Terminals screw Screw Screw Conductor section max m4 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Auxiliary contact characteristics 1NO 1 10 Tecrematic thing A 10 1 IEC/EN 60947-5-1 designation A600 - Q600 0 Operating current AC15 230V A 3 400V A 1.9 1.9 <td></td> <td></td> <td>min</td> <td>mm²</td> <td>0.75</td>			min	mm²	0.75
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 max mm² 2.5 Operating position normal allowable Fixing g 11 Terminals screw g 11 Conductor section Screw Conductor section max mm² 1 or 2 x 2.5 AWG/kcmil conductor section max mm² 1 or 2 x 2.5 Auxiliary contact characteristics 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 400V					
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 0.75 Operating position normal 0.75 Fixing normal On vertical plane allowable Any Fixing Fixing g 11 Terminals screw g 11 Conductor section screw Screw Conductor section max 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Auxiliary contact characteristics 1NO 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 230V A 3 400V A 1.9		Elevible c/w lug conductor section	Пал		2.0
max mm² 2.5 Flexible with insulated spade lug conductor section mm² 0.75 max mm² 2.5 Mechanical features 0.75 Operating position normal On vertical plane allowable Any Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section MG/kcmil conductor section AWG/kcmil conductor section max 14 IEC max 14 Type of contact characteristics max 10 Thermal current lth A 10 IEC/EN 60947-5-1 designation A6600 - Q600 Operating current AC15 230V A 3			min	mm ²	0.75
Flexible with insulated spade lug conductor section min mm mm² 0.75 max mm² 2.5 Mechanical features Operating position onrmal On vertical plane allowable Any Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section MG/kcmil conductor section Screw Screw AWG/kcmil conductor section max 14 14 TEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max 10 10 Type of contact A 10 10 TEC/EN 60947-5-1 designation A600 - Q600 00 Operating current RC15 230V A 3 230V A 3 400V A 1.9					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		Elevitele with included a second two accelerations	max	11111-	2.5
max mm² 2.5 Mechanical features Operating position normal allowable On vertical plane allowable Any Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section Screw AWG/kcmil conductor section max 14 IEC max 14 Type of contact 1 or 2 x 2.5 Auxiliary contact characteristics 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 400V A 1.9 1.9		Flexible with insulated spade lug conductor section		2	0.75
Mechanical features Operating position normal On vertical plane allowable Any Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section AWG/kcmil conductor section AWG/kcmil conductor section max 14 IEC max 14 IEC max 1 or 2 x 2.5 Auxiliary contact characteristics mm² 1 or 2 x 2.5 Type of contact 1NO 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 400V A 1.9 1.9					
Operating position normal allowable On vertical plane allowable Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section AWG/kcmil conductor section AWG/kcmil conductor section max IEC max Muxiliary contact characteristics 1 or 2 x 2.5 Auxiliary contact 1 NO Thermal current lth A IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 230V A 3 400V A 1.9			max	mm²	2.5
normal allowableOn vertical plane AnyFixingFront mountingWeightgTerminals screwScrewConductor sectionScrewAWG/kcmil conductor sectionmax14IECmaxMax14IEC1 or 2 x 2.5Auxiliary contact characteristics1 noType of contact1 NOThermal current lthAIEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA230VA3400VA1.9					
allowable Any Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section MWG/kcmil conductor section max 14 IEC max 14 Type of contact characteristics Type of contact 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 230V A 3 400V A 1.9	Operating position				
Fixing Front mounting Weight g 11 Terminals screw Screw Conductor section AWG/kcmil conductor section AWG/kcmil conductor section max IEC max Muxiliary contact characteristics 1 or 2 x 2.5 Auxiliary contact characteristics 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 230V A 3 400V A 1.9			normal		On vertical plane
Weight g 11 Terminals screw Screw Conductor section AWG/kcmil conductor section <u>AWG/kcmil conductor section</u> max <u>IEC</u> max Auxiliary contact characteristics 1 or 2 x 2.5 <u>Auxiliary contact characteristics</u> 1NO Thermal current lth A IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 230V A 3 400V A 1.9			allowable		Any
Terminals screw Screw Conductor section AWG/kcmil conductor section max 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Type of contact 1NO 1NO 1 Thermal current lth A 10 10 IEC/EN 60947-5-1 designation A600 - Q600 0 Operating current AC15 230V A 3 230V A 3 400V A 1.9	Fixing				Front mounting
Terminals screw Screw Conductor section AWG/kcmil conductor section max 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics max mm² 1 or 2 x 2.5 Type of contact 1NO 1NO 10 Thermal current lth A 10 10 IEC/EN 60947-5-1 designation A600 - Q600 00 Operating current AC15 230V A 3 230V A 3 400V A 1.9	Weight			g	11
AWG/kcmil conductor sectionmax14IECmaxmm²1 or 2 x 2.5Auxiliary contact characteristicsmaxmm²1 or 2 x 2.5Type of contact1NOThermal current lthA10IEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA3Q30VA3400VA1.9	Terminals screw				Screw
AWG/kcmil conductor sectionmax14IECmaxmm²1 or 2 x 2.5Auxiliary contact characteristicsmaxmm²1 or 2 x 2.5Type of contact1NOThermal current lthA10IEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA3Q30VA3400VA1.9	Conductor section				
max 14 IEC max mm² 1 or 2 x 2.5 Auxiliary contact characteristics 1NO Type of contact 1NO Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 400V A 1.9		AWG/kcmil conductor section			
IECmaxmm²1 or 2 x 2.5Auxiliary contact characteristicsINOType of contact1NOThermal current lthA10IEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA3400VA1.9			max		14
maxmm²1 or 2 x 2.5Auxiliary contact characteristics1NOType of contact1NOThermal current lthA10IEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA3400VA1.9		IFC	Пах		17
Auxiliary contact characteristicsType of contact1NOThermal current lthA10IEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA3400VA1.9		120	may	mm ²	$1 \text{ or } 2 \times 25$
Type of contact1NOThermal current lthA10IEC/EN 60947-5-1 designationA600 - Q600Operating current AC15230VA3400VA1.9	Auxiliany contact char	a staristica	Шах	11111	1012 X 2.5
Thermal current lth A 10 IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 400V A 1.9					1NO
IEC/EN 60947-5-1 designation A600 - Q600 Operating current AC15 230V A 3 400V A 1.9				٨	
Operating current AC15 230V A 3 400V A 1.9				A	
230V A 3 400V A 1.9					A600 - Q600
400V A 1.9	Operating current AC	15			
				А	3
500V A 1.4			400V	А	1.9
			500V	А	1.4



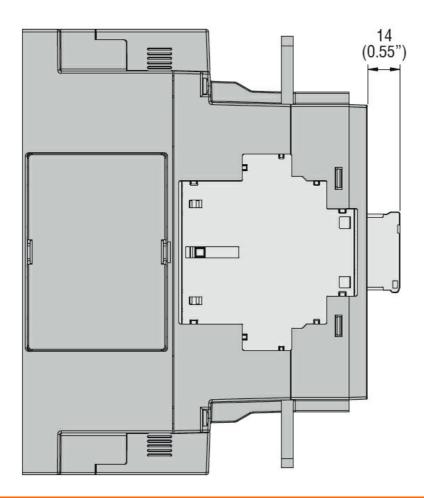
Operating current DC13

BFX10C10 AUX

(ILIARY CONTACT WITH FRONT MOUNTING. SCREW TERMINALS, FOR BF160BF400	
SERIES CONTACTORS, 1NO	

Operating current DC15	0.01/	^	0
	24V	A	3
	48V	A	1.5
	60V	A	1.2
	110V	Α	0.6
	125V	А	0.55
	220V	А	0.27
	600V	А	0.1
Operations			
Electrical life		hours	1000000
Electrical characteristics			
Conductivity			5V 10 mA
UL/CSA and IEC/EN 60947-5-1 designation			A600 Q600
Operating current AC15			
	12V	А	6
	24V	А	6
	48V	А	6
	120V	А	6
	240V	А	3
	480V	А	1.5
	600V	А	1.2
Operating current DC13			
	12V	А	10
	250V	A	0.27
	440V	A	0.15
	500V	A	0.13
Contact resistance	0001	mΩ	≤20
Ambient conditions		11152	<u> </u>
Temperature			
Operating temperature	min	°C	-50
	min		
	max	°C	+70
Storage temperature			00
	min	°C	-60
	max	°C	+80
Max altitude		m	3000
Dimensions			





Wiring diagrams



Certifications and compliance		
Certificates		
	cULus	
ETIM classification		



BFX10C10 AUXILIARY CONTACT WITH FRONT MOUNTING. SCREW TERMINALS, FOR BF160...BF400 SERIES CONTACTORS, 1NO

ETIM 8.0

EC000041 -Auxiliary contact block