

GX2008O48 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Inclusion designation Switches Switches Switching diagram 08 - ON/OFF N° of elements 2 Mounting form 08 - ON/OFF Switching diagram 08 - ON/OFF Mounting form 08 - ON/OFF Rated insulation voltage Uinp V Excel V Rated insulation voltage Uinp KV Rated operational voltage V UL/CSA A Rated operational inputse voltage V KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA Maximum fuse size for short-circuit protection In (gG) 10kA Conductivity 10 Operational current Icw 105 mA/V Quertational power in AO 10 AC16 110V A Single-phase AC-3 100V 30/40V Single-phase AC-3 110V XV Single-	Product designation				Rotary cam
General Pharacteristics 08 - ON/OFF Switching diagram 08 - Modular N° of elements 2 Mounting form 048 - Modular Service cover for 35mm din rail Mounting form 35mm din rail Contact characteristics 048 - Modular Rated insulation voltage Ui IEC/EN V 690 Quit CSA V 600 6 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 440 4 Rated operational imputes voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 Rated operational current low 1s A 20 Conductivity 105 mA/V 005 mA/V 005 mA/V Operational current le IEC/EN A 20 220/230V A 8 AC15 110V A 10 220/230V A 6 660/690V A 1.5 Rated operation	-				
Switching diagram 08 - ONVOFF switch 4 poles N° of elements 2 Mounting form Service cover for 35mm din rail mounting with black hendle Contact characteristics HEC/EN Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uimp KV 6 Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 440 440 Rated operational voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Conductivity 10kA A 20 15kA A 20 Rated operational current lew 1s A 250 20 <					GX20
N° of elements 2 Cd8 - Modular service cover for 35mm din rail mounting with black hendle Contact characteristics					08 - ON/OFF
Mounting form O48 - Modular service cover for 35mm din rail mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 440 4 Rated operational impulse voltage V 440 4 Rated operational impulse voltage V 440 4 Rated operational impulse voltage V 440 4 Rated short time current Icw 1 1 A 20 Conductivity 10/5 mA/V 0 10/5 mA/V Operational current Ie IEC/EN A 10 220/230/V A 8 AC15 110/V A 10 220/230/V A 8 AC15 10/5 mA/V 380/440/V KW 3.5 380/440/V 8 380/440/V 8 380/440/V 3.5 5 <td< td=""><td></td><td></td><td></td><td></td><td>switch 4 poles</td></td<>					switch 4 poles
Mounting form service cover for 35mm din rail mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage Uimp KV 6 6 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 440 4 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 15kA A 20 Conductivity 1s A 250 250 Conductivity 1s A 20 4 AC15 10V N 10 220/2030V A 8 380/400V A 660/690V A 1.5 5 Rated operational current Is IEC/EN 220/230V KW 3.5 <t< td=""><td>N° of elements</td><td></td><td></td><td></td><td></td></t<>	N° of elements				
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IEC/EN V 690 UL/CSA Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 IEC/EN A 20 Rated operational voltage V 440 A IEC/EN A 20 Rated operational impulse voltage KV 4 IEC/EN A 20 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 ISkA A 20 Rated short time current lcw 1s A 20 ISKA A 20 Conductivity 10/S mA/V 10/S mA/V Operational current le IEC/EN A 20 AC1/AC21A A 20 IIIVV A 10 220/230V A 8 380/40V A 6 660/690V A 1.5 S S S S S S S S S S S S S S S <td></td> <td></td> <td></td> <td></td> <td></td>					
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UL/CSA A 15 Rated operational impulse voltage V 440 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s A 250 20 Conductivity 1s A 250 20 Qperational current le IEC/EN 10/5 mA/V 00 220/230V A 8 AC1/5 110V A 10 220/230V A 8 AC15 110V A 10 220/230V A 8 AC165 110V A 10 220/230V A 8 AC165 110V A 10 220/230V KW 3.5 Rated operational power in AC 10 220/230V KW 3.5 Single-phase AC-3 10V KW 0.75 220/230V KW 3.5 Single-phase AC-3 10V KW 0.75			IEC/EN	А	20
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s A 250 10/5 mA/V Operational current le IEC/EN 10/5 mA/V 10/5 mA/V 10/5 mA/V Operational current le IEC/EN A 20 15 10/5 mA/V AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/40V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/40V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 220/230V kW 4 380/40V					
Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current lcw 1s A 250 25kA A 20 Conductivity 1s A 250 10/5 mA/V 0 0 Operational current le IEC/EN AC1/AC21A A 20 A 8 AC15 110V A 10 220/230V A 8 Rated operational power in AC Three-phase AC-3 220/230V KW 3.7 Stor/690V kW 5.5 5 5 Single-phase AC-3 110V kW 0.75 220/230V kW 3.80/440V kW 3.80/440V 380/440V kW 3.80/440V 4 380/440V 4 380/440V KW 7.5 500/690V KW 7.5 Single-phase AC23A 110V KW 0.75 5	Rated operational volta	age		V	440
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25kA A 20 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 0 Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 15 15 15 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 3 Three-phase AC-3 110V kW 3.7 380/440V kW 3 Three-phase AC-3 110V kW 3.7 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V 3 Three-phase AC23A 220/230V kW 4 380/440V KW 7.5 Single-phase AC23A 220/230V kW <td></td> <td></td> <td></td> <td></td> <td></td>					
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Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 10 <t< td=""><td>Conductivity</td><td></td><td>13</td><td>~</td><td></td></t<>	Conductivity		13	~	
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AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A Three-phase AC23A 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75					
110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 3 3 Three-phase AC23A 20/230V kW 4 380/440V kW 7.5 5 Single-phase AC23A 110V kW 0.75				А	20
220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC-3 110V kW 0.75 220/230V kW 4 380/440V kW 3 3 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 3		AC15			
380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC-3 110V kW 0.75 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
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Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Rated operational pow	er in AC	000/090 v		1.5
220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 500/690V 100/75					
500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 7.5 500/690V kW 7.5			220/230V	kW	3.7
Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75			380/440V	kW	5.5
110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75			500/690V	kW	5.5
220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Single-phase AC-3			
380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Three-phase AC23A	30U/44UV	ĸvv	3
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		mile phase hozon	220/230V	kW	4
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
Single-phase AC23A 110V kW 0.75					
		Single-phase AC23A			
220/230V kW 2.2					
			220/230V	kW	2.2

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ENERGY AND AUTOMATION

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		380/440V	kW	3.5
Rated operational curr	ent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			
	- • -	24V	А	20
		48V	A	16
		40V 60V	A	12
		110V	A	1
		220V	A	0.4
		220V 440V	A	0.4
Dower dissinction		440 V	 	
Power dissipation			VV	0.6
Mechanical features				MO
Terminals screw			N.L.	M3
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	0001		-
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions		240 V	111	1.0
Temperature	Operating temperature			
	Operating temperature		° ^	25
		min	°C °C	-25

GX2008O48

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

°C

max

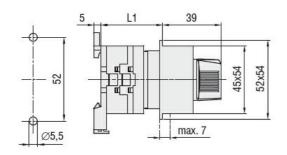
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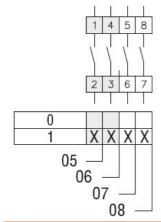
Storage temperature °C min -40 ۰c 70

	$\max^{-1}C^{-1}$
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20
Dimensions	



Corioo	L1		
Series	1	2	3
GX16	33	41.5	50
GX20	33	41.5	50

Wiring diagrams



Certifications and compliance

С . 1:

CSA C22.2 n° 14	
IEC/EN/BS 60947-1	
IEC/EN/BS 60947-3	
IEC/EN/BS 60947-5-1	
IEC/EN/BS 61058-1	
UL60947-4-1	
cULus	
EAC	
	EC001029 -
	IEC/EN/BS 60947-1 IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 IEC/EN/BS 61058-1 UL60947-4-1

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