

GX1651U ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product type designation Switches General characteristics 51 - Changed Switching diagram 51 - Changed N° of elements 1 Mounting form U - Front Mounting form black handle Contact characteristics 1 Rated insulation voltage UI IEC/EN V EC/EN V 690 UL/CSA V 600 Rated insulation voltage UI IEC/EN V Rated operational voltage UI IEC/EN A Rated operational voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA A 16 15kA A 16 10/5 mA/V Operational current low 10/5 mA/V 10/5 mA/V Operational power in AC 16 10/5 mA/V 220/230V A 8 380/400V A Act1/AC21A A 16 16 Acti/AC21A A 16 16	Product designation				Rotary cam	
General characteristics 51 - Charget Switching diagram 51 - Charget N° of elements 1 Mounting form U - Front Mounting form mounting with Rated insulation voltage U IEC/EN Rated insulation voltage U IEC/EN Rated insulation voltage U IEC/EN Rated inpulse withstand voltage Uimp kV Conventional free air thermal current Ith IEC/EN Rated operational voltage V At a doperational inpulse voltage kV Maximum fuse size for short-circuit protection In (gG) 10kA 1 10/5 mA/V Operational current Icw 1 AC1/AC21A A AC1/AC21A KW AC1/AC21A S Single-phase AC-3 <td>-</td> <td>tion</td> <td></td> <td></td> <td>switches</td>	-	tion			switches	
Switching diagram 51 - Changed switch 1 pole N° of elements 1 Mounting form U - Front mounting with black handle Contact characteristics IEC/EN V Rated insulation voltage Ui IEC/EN V 690 Conventional free air thermal current Ith IEC/EN A 16 Conventional free air thermal current Ith IEC/EN A 16 Rated operational voltage kV 4 4 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 Conductivity 1s A 250 Conductivity 1s A 250 Conductivity 1s A 16 AC15 110V A 10 AC15 110V A 8 AG0/90V A 1.5 Rated operational power in AC 10 220/230V A AC15 110V A 10					GATO	
Mounting form U - Front mounting with black handle Contact characteristics IEC/EN V 690 Rated insulation voltage Ui IEC/EN V 690 Quit/CSA V 600 6 Conventional free air thermal current Ith IEC/EN A 16 Quit/CSA A 12 440 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 Conductivity 1s A 250 10/5 mA/V Operational current lew 1s A 250 10/5 mA/V Operational current le IEC/EN A 16 10/5 mA/V Operational current le IEC/EN A 16 380/400V A 8 AC1/AC21A A 16 10/5 mA/V 10/5 mA/V 10/5 mA/V 4 660/690V A 1.5 10/5 mA/V 380/440V A 660/690V A 1.5					51 - Changeover switch 1 pole	
Mounting form mounting with black handle Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 16 QUI/CSA V 440 A 12 Rated operational voltage V 440 A 12 Rated operational woltage KV 4 A 16 QUI/CSA X 4 A 16 Rated operational impulse voltage kV 4 A 16 Attack appendix Total characteristics A 16 15kA A 16 Conductivity 10kA A 16 16 25kA A 16 Conductivity 10/5 mA/V Operational current Icw A 16 10/5 mA/V 0 AC1/AC21A A 16 10/2 mA/V 220/230V A 8 380/400V A 4 660/690V A 1.5 380/40V <td>N° of elements</td> <td></td> <td></td> <td></td> <td></td>	N° of elements					
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UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current lth IEC/EN A 16 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 16 15kA A 16 25kA A 16 25kA A 16 25kA A 16 Rated short time current lcw 1s A 250 200 Conductivity 1s A 16 30 30 Qperational current le IEC/EN A 16 30 30 30 4 30 AC15 110V A 10 220/230V A 4 660/690V 4 660/690V 4 50 500/690V 4 50 50 380/440V 4.5 500/690V 5.5 50 50 50 50 50 50	Rated insulation voltage	ge Ui				
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UL/CSA A 12 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 16 15kA A 16 15kA A 16 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 AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 1.5 1.5 Rated operational power in AC 220/230V KW 3.5 380/440V kW 4.5 500/690V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 Single-phase AC-3 110V kW 0.55	Conventional free air f	thermal current Ith		۸	10	
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15kA A 16 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V Operational current le IEC/EN 10/5 mA/V AC1/AC21A A 16 AC15 100 4 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 15 15 15 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 Single-phase AC-3 110V KW 0.55 220/230V kW 2.2		short circuit protection in (gC)	10kA	А	16	
25kA A 16 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V 10/5 mA/V Operational current le IEC/EN 4 16 AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC 220/230V KW 3.5 380/440V kW 4.5 500/690V kW 3.5 380/440V kW 4.5 Single-phase AC-3 110V KW 0.55 220/230V kW 1.5						
1s A 250 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 115 115 115 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 AC-3						
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 16 AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 1.5 1.5 380/440V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 5 </td <td>Rated short time curre</td> <td>ent Icw</td> <td></td> <td></td> <td></td>	Rated short time curre	ent Icw				
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AC15 110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2		AC1/AC21A				
110V A 10 220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 1.5				A	16	
220/230V A 8 380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2		AC15	4401/	•	4.0	
380/400V A 4 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2						
660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2						
Bated operational power in AC Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 5						
Three-phase AC-3 220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2	Rated operational pov	ver in AC				
220/230V kW 3.5 380/440V kW 4.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2						
500/690V kW 5.5 Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2			220/230V	kW	3.5	
Single-phase AC-3 110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2						
110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2			500/690V	kW	5.5	
220/230V kW 1.5 380/440V kW 2.2		Single-phase AC-3				
		Three-phase AC23A	380/440V	KVV	۷.۷	
220/230V kW 3.7		mee-phase AUZSA	220/2201/	k\//	37	
380/440V kW 6.5						
500/690V kW 7.5						
Single-phase AC23A		Single-phase AC23A			-	
110V kW 0.75		<u> </u>	110V	kW	0.75	
220/230V kW 1.8			220/230V	kW	1.8	
Bated operational current in DC			380/440V	kW	3	

Rated operational current in DC

GX1651U

ENERGY AND AUTOMATION

GX1651U ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

	DC21A			
		48V	А	16
		60V	А	16
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
	DC13	220 V	Π	7 (4)
	DC13	24V	۸	16
			A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for t	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	THOU A	/	
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Ινίαλ	ANG	12
				0.5
		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			
		120V	HP	0.75
		240V	HP	1
Ambient conditions		2.07		
Temperature				
iompolataro	Operating temperature			
		min	°C	-25
			°C	
	Character and the second second	max	U	+55
	Storage temperature		• •	40
		min	°C	-40

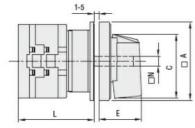
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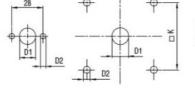
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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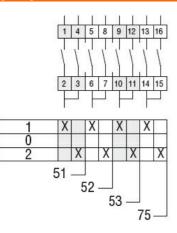




Drillings for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements											
Selles	□A	С	ØD1	ØD2	E	□K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

Wiring diagrams



Certifications and compliance

Compliance

Compliance		
	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	
Certificates		
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC001105 - Off- load switch

GX1651U