

GX16109U ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches GX16
General characteristics			C/10
Switching diagram			109 - Multi-step 0-1-2-3-4 1 pole
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			black handle
Rated insulation voltage Ui			
.	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	16
	UL/CSA	А	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	16
	15kA	A	16
Rated short time current Icw	25kA	A	16
Rated short time current icw	1s	kA	250
Conductivity	15	ĸА	10/5 mA/V
Operational current le IEC/EN			10/3 11/4/ 1
AC1/AC21A			
		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	4
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.5
	380/440V	kW	4.5
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.55
	220/230V	kW	0.55 1.5
	380/440V	kW	2.2
Three-phase AC23A	000/1101		
	220/230V	kW	3.7
	380/440V	kW	6.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	1.8
Rated operational current in DC	380/440V	kW	3

Rated operational current in DC

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DC21A

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48V

60V

А

А

16

16

		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	А	7 (4)
	DC13			
		24V	А	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation		1101	W	0.6
Mechanical features			vv	0.0
Terminals screw				3M
Tightening torque for te	arminale may		Nm	0.5
Conductor size			INITI	0.5
Conductor size				
	AWG - Rigid cable			20
		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			
	5 1	120V	HP	0.75
		240V	HP	1
Ambient conditions		2.07		-
Temperature				
iompolatalo	Operating temperature			
	operating temperature	min	°C	-25
			°C	-25 +55
	Chara an to ma avaiture	max	U	1 00

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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

Storage temperature

°C

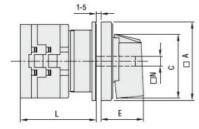
min

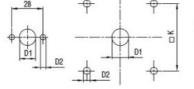
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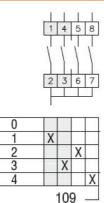




Drillings for 4 screws fixing (4V version).

Series			D	imensio	ns			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

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	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		
		EC001029 -
ETIM 8.0		Selector switch,
		complete

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