

electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 1 POLE 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM **ENERGY AND AUTOMATION** 

Product type designation	Product designation				Rotary cam
Switching diagram   108 - Multi-s	_	ion			switches
Switching diagram   108 - Multise					GX16
N° of elements         2           Mounting form         O - Rear mounting wis black handle           Contact characteristics         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 A 16 UL/CSA A 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 25kA A 16 16 15kA A 16 16           Rated short time current Icw         1 s kA 250           Conductivity         1 10V A 16 16 10 10 mAV           Operational current Ie IEC/EN AC1/AC21A         A 16 16 16 16 16 16 16 16 16 16 16 16 16					108 - Multi-step 0-1-2-3 1 pole
Mounting form   Mounting with black handle   Mounting with black handle	N° of elements				
Rated insulation voltage Ui	Mounting form				O - Rear mounting with black handle
Rated impulse withstand voltage Uimp   Rote of Enterthermal current Ith   Rote of En	Contact characteristics				
Rated impulse withstand voltage Ulimp	Rated insulation voltag	je Ui			
Rated impulse withstand voltage Uimp					
Conventional free air thermal current lth	Bro Para la State	1	UL/CSA		
IEC/EN   A   16   UL/CSA   A   12     Rated operational voltage   V   440     Rated operational impulse voltage   V   440     Maximum fuse size for short-circuit protection In (gG)   10kA   A   16   15kA   A   16   16   15kA   A   16   16   16   16   16   16   16				kV	6
Rated operational voltage   V   440	Conventional free alf tr	iermai current ith	IEC/EN	٨	16
Rated operational voltage   V					
Rated operational impulse voltage   kV 4	Rated operational volta	age	00,00,1		
Maximum fuse size for short-circuit protection In (gG)				-	
10kA		<u> </u>			
Rated short time current lcw			10kA	Α	16
Rated short time current lcw				Α	
1s kA 250			25kA	Α	16
Conductivity	Rated short time curre	nt Icw			
Operational current le IEC/EN   AC1/AC21A   A 16   AC15	<u> </u>		1s	kA	
AC1/AC21A  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 1.5 380/440V kW 2.2  Three-phase AC23A		IEC/EN			10/5 mA/V
A 16 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 1.5 380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7	Operational current le				
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 2.2  Three-phase AC23A  220/230V kW 3.7		AC1/AC21A		Δ	16
110V		AC15			10
Rated operational power in AC   Three-phase AC-3     220/230V   kW   3.5   380/440V   kW   4.5   500/690V   kW   5.5		7.010	110V	Α	10
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  Three-phase AC23A  220/230V kW 3.7			220/230V	Α	
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  Three-phase AC23A  220/230V kW 3.7			380/400V	Α	4
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  Three-phase AC23A  220/230V kW 3.7			660/690V	Α	1.5
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  Three-phase AC23A  220/230V kW 3.7	Rated operational pow				
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  Three-phase AC23A  220/230V kW 3.7		Three-phase AC-3			
500/690V kW 5.5  Single-phase AC-3  110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2  Three-phase AC23A 220/230V kW 3.7					
Single-phase AC-3  110V kW 0.55  220/230V kW 1.5  380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7					
110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7		Single phase AC 2	500/6907	KVV	5.5
220/230V kW 1.5 380/440V kW 2.2 Three-phase AC23A 220/230V kW 3.7		Single-phase AC-3	110\/	<b>ل</b> ا\\	0.55
380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7					
Three-phase AC23A 220/230V kW 3.7					
220/230V kW 3.7		Three-phase AC23A		<u> </u>	
		•	220/230V	kW	3.7
			380/440V	kW	6.5
500/690V kW 7.5			500/690V	kW	7.5
Single-phase AC23A		Single-phase AC23A			
110V kW 0.75					
220/230V kW 1.8					
Rated operational current in DC	Dated energtional access	ont in DC	38U/44UV	KVV	<u>ა</u>



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WITH BLACK HANDLE, FRONT PLATE 48X48MM

**ENERGY AND AUTOMATION** 

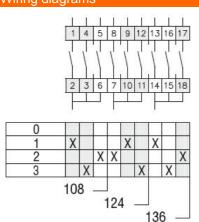
	DC044			
	DC21A	40)/	۸	4.0
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.6
	DC22A (nales in series)	440V	A	0.25
	DC23A (poles in series)	0.41/	٨	40 (4)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
	B040	220V	Α	7 (4)
	DC13	0.41.7		4.0
		24V	Α	16
		48V	Α	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	Ç	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVIOA	71110	
	Conductor Size (IEO) Trexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVICA	111111	2.0
	Conductor size (IEC) - Rigid Cable	min	mm²	0.5
Markaniantifa		Max	mm²	2.5
Mechanical life UL technical data			cycles	1X10 <sup>6</sup>
	on line control			
Motor power for direct-				
	for three-phase motor	400) (	LID	4.5
		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				
Temperature				
•				
·	Operating temperature			
·	Operating temperature	min	°C	-25
·	Operating temperature	min max	°C °C	-25 +55
·	Operating temperature  Storage temperature		°C	
·				



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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
Wiring diagrams			



## Certifications and 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** 

EC001029 -Selector switch, complete