# ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product type designation   GX16	Product designation				Rotary cam switches
Switching diagram   Swit	Product type designation	on			
Switching diagram         motor feverance in extrum         mounting with biland rounding with and rounding with stand voltage Uimp         IEC/EN U/CSA V 600         0         6					
Mounting form	Switching diagram				motor reversing switch with spring
Mounting form   Mounting with black handle   Mounting with black handle   Mounting with black handle   Mounting with stand voltage Uimp   Mounting with stand voltage   Mounting with stand voltage   Mounting with stand voltage   Mounting with stand voltage   Mounting with stand withe	N° of elements				2
Rated insulation voltage Ui					mounting with
Comment   Comm	Contact characteristics				
Rated impulse withstand voltage Uimp	Rated insulation voltage	e Ui			
Rated impulse withstand voltage Uimp				V	
Conventional free air thermal current Ith			UL/CSA		
Rated operational voltage   Rated operational woltage   Rated operational impulse voltage   Rated short-circuit protection In (gG)   Rated short time current lcw				kV	6
Rated operational voltage	Conventional free air th	ermal current Ith			
Rated operational voltage				Α	16
Rated operational impulse voltage			UL/CSA		
Maximum fuse size for short-circuit protection In (gG)	Rated operational volta	ge		V	440
10kA	Rated operational impu	ılse voltage		kV	4
Title   Titl	Maximum fuse size for	short-circuit protection In (gG)			
Rated short time current Icw				Α	
Rated short time current lcw				Α	
Three-phase AC-3A   Single-phase AC-23A			25kA	Α	16
Conductivity	Rated short time currer	nt Icw			
Operational current le IEC/EN	_		1s	A	
AC1/AC21A  AC15  T10V 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  Three-phase AC23A  220/230V kW 3.7 380/440V kW 7.5  Single-phase AC23A					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 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A	Operational current le I				
AC15    110V		AC1/AC21A			
110V				A	16
Rated operational power in AC   Three-phase AC-3		AC15			
Single-phase AC23A   Single-					
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 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75					
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 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A					
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 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75	<del></del>		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 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A	Rated operational power				
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 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A		Three-phase AC-3	/		
Single-phase AC-3					
Single-phase AC-3  110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75					
110V kW 0.55 220/230V kW 1.5 380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75			500/690V	KVV	5.5
220/230V kW 1.5 380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75		Single-phase AC-3	440)/	1-147	0.55
380/440V kW 2.2  Three-phase AC23A  220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5  Single-phase AC23A  110V kW 0.75					
Three-phase AC23A  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 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Three phase ACO2A	380/440V	KVV	2.2
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Three-phase AC23A	220/2201/	1,111	2.7
Single-phase AC23A 110V kW 0.75					
Single-phase AC23A 110V kW 0.75					
110V kW 0.75		Single phase AC22A	500/090V	KVV	<i>I</i> .0
		Single-priase AUZSA	440\/	F/V1	0.75
22U/23UV KVV 1.0					
			ZZU/Z3U V	IX V V	1.0

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		380/440V	kW	3
Rated operational cu	urrent in DC			
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	A	0.6
	D0004 ( 1 ; ; ; )	440V	Α	0.25
	DC23A (poles in series)	241/	٨	40 (4)
		24V 48V	A	16 (1)
		46 V 60 V	A A	16 (2)
		110V	A	16 (3) 10 (3)
		220V	A	7 (4)
	DC13	220 V		7 (4)
	DC13	24V	Α	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
erminals screw				ЗМ
ightening torque fo	r terminals max		Nm	0.5
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 <sup>6</sup>
JL technical data	et en line control			
Notor power for dire				
	for three-phase motor	40017	וור	4 E
		120V	HP	1.5
		240V	HP up	3
		480V	HP up	5
	for single phase mater	600V	HP	5
	for single-phase motor	4201/	ПD	0.75
		120V 240V	HP HP	0.75
		240V	HР	1
mhiont conditions				
Ambient conditions emperature	Operating temporature			
	Operating temperature			25
	Operating temperature	min max	°C °C	-25 +55



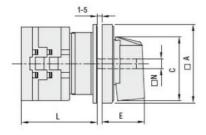
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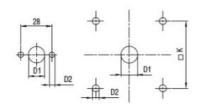
## Storage temperature

min °C -40 max °C +70

Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20

#### **Dimensions**

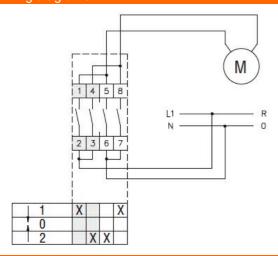




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	Е	□K	□N	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

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