

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 16A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING **ENERGY AND AUTOMATION**

Centeral characteristics	Product designation Product type designation	ion			Rotary cam switches GX16
Switching diagram Switch 2 poles N* of elements 1					GX10
No of elements					
Mounting form Water Wate					
IEC/EN V 690					U12 - Front mounting without front plate with key operation for hole diam. 22mm
Rated insulation voltage Ui					fixing
Rated impulse withstand voltage Uimp kV 6000					
Rated impulse withstand voltage Ulimp	Rated insulation voltag	ie Ui	IEO/EN		000
Rated impulse withstand voltage Ulimp					
Conventional free air thermal current Ith	Data d improving a with sta	ad valta as I lissa	UL/CSA		
Commonweal Com		• •		KV	O
Rated operational voltage V	Conventional free all the	iernai current iur	IEC/EN	Δ	16
Rated operational voltage V 440					
Rated operational impulse voltage	Rated operational volta	ane	0L/00/1		
Maximum fuse size for short-circuit protection In (gG)				-	
10kA A 16 15kA A 16 15kA A 16 15kA A 16 15kA A 16 16 16 16 16 16 16					
Rated short time current Icw 1s		(3-)	10kA	Α	16
Rated short time current low			15kA	Α	16
Three-phase AC-3A Single-phase AC-23A			25kA	Α	16
Conductivity	Rated short time curre	nt Icw			
A			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 220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A					10/5 mA/V
AC15 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 5.5 Single-phase AC23A	Operational current le				
AC15 110V		AC1/AC21A		_	
110V				A	
220/230V		AC15	440)/		4.0
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					
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	Rated operational now	ver in AC	000/090 V		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 110V kW 0.75	rtated 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 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A		Three phase AO o	220/230V	kW	3.5
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					
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		Single-phase AC-3			
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
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	
220/230V kW 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75			380/440V	kW	2.2
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Three-phase AC23A			
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
Single-phase AC23A 110V kW 0.75					
110V kW 0.75			500/690V	kW	7.5
		Single-phase AC23A			
220/230V KW 1.8					
			ZZU/Z3UV	KVV	1.0



ENERGY AND AUTOMATION

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		380/440V	kW	3
Rated operational cu				
	DC21A		_	
		48V	A	16
		60V	A	16
		110V 220V	A	4
		220V 440V	A A	0.6 0.25
	DC23A (poles in series)	440 V	A	0.23
	DC23A (poles ill selles)	24V	Α	16 (1)
		48V	A	16 (1)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
	DC13	2201	, , , , , , , , , , , , , , , , , , ,	r (¬)
	5010	24V	Α	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				0.0
Terminals screw				3M
Tightening torque for	r terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	S	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
JL technical data				
Motor power for dire	ct-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				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55



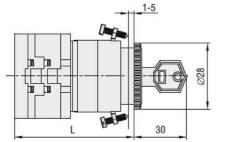
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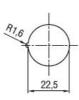
ENERGY AND AUTOMATION

Storage temperature min °C -40 max °C +70

Resistance & Protection				
Frontal IP degree	IP65			
Terminals IP degree	IP20			

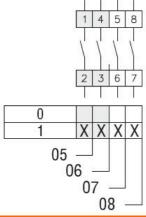
Dimensions





Series	L			
Selles	1	2	3	8
GX16	54	62.5	71	113.4
GX20	54	62.5	71	113.4

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