



ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product type designation	Product designation			Rotary cam
Switching diagram 2-3-4-5 t pole N° of elements 3 U47 - Snap on from mounting with black handle for hole diam. 2 22m finxin	•			
Switching diagram Substituting diagram				GAIO
N° of elements 3 U47 - Snap on from mounting with black handle for hole diam. 22mm finxing with black handl				-
Mounting form Section Section	N° of elements			· · · · · · · · · · · · · · · · · · ·
Rated insulation voltage Uimp IEC/EN V 690 UL/CSA V 600 Rated impulse withstand voltage Uimp IEC/EN KV 6 Conventional free air thermal current tith 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 16 16 16 16 16 16				fron mounting with black handle for hole diam.
Rated impulse withstand voltage Uimp				
Rated impulse withstand voltage Uimp	Rated Insulation Voltage UI	IEC/EN	\/	600
Rated impulse withstand voltage Uimp				
Conventional free air thermal current Ith	Rated impulse withstand voltage Uimp	02,007		
Rated operational voltage V V V V				
Rated operational voltage		IEC/EN	Α	16
Rated operational impulse voltage		UL/CSA		12
Maximum fuse size for short-circuit protection In (gG) 10kA A 16 15kA A 16 25kA A 16 25kA A 16 Rated short time current Icw 1s kA 250 Conductivity 1s kA 250 Conductivity 1s kA 250 Conductivity 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 Rated operational power in AC Three-phase AC-3 110V 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 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 kW 7.5				
10kA			kV	4
T5KA A 16 25KA A 250 25KA A 25KA 25KA A 25KA	Maximum fuse size for short-circuit protection In (gG)			
Rated short time current Icw				
Rated short time current lcw				
Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC23A Three-p	Rated short time current low	ZUKA		10
Conductivity	Nated Short time current lew	1s	kA	250
A	Conductivity		10 (
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 2.2 Three-phase AC23A 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC23A 110V kW 0.75 500/690V kW 7.5 Single-phase AC23A				
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 3.7 380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8 110V kW 0.75 220/230V kW 1.8 110V kW 0.75 220/230V kW 1.8				
110V			Α	16
220/230V	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 2.2 Three-phase AC23A 220/230V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 7.5				
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 110V kW 0.75 220/230V kW 7.5				
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 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 1.8	Rated operational power in AC	000/0907		1.0
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 0.75 220/230V kW 1.8	·			
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 0.75 220/230V kW 1.8	 	220/230V	kW	3.5
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 0.75 220/230V kW 1.8				
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 0.75 220/230V kW 1.8		500/690V	kW	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 0.75 220/230V kW 1.8	Single-phase AC-3			
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 0.75 220/230V kW 1.8				
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 1.8				
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	Throe-phase AC22A	380/440V	KVV	۷.۷
380/440V kW 6.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8	Tillee-pliase ACZ3A	220/230\/	k\/\/	3.7
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 220/230V kW 1.8				
Single-phase AC23A 110V kW 0.75 220/230V kW 1.8				
110V kW 0.75 220/230V kW 1.8	Single-phase AC23A			
			kW	
380/440V kW 3				
		380/440V	kW	3





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Rated operational cui	rrent in DC			
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		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	terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	3	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			
	Consider Size (120) Trigita capit	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data			0,0100	17(10
Motor power for direct	ct-on-line control			
motor porror for all oc	for three-phase motor			
	io. tilloo pilaco filotoi	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	000 V	1 11	<u> </u>
	Tot onlyle phase motor	120V	HP	0.75
		240V	HP	1
Ambient conditions		240 V	1 11	<u> </u>
Temperature				
ι οπροιαιαίε	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	-25 +55
	Storage temperature	IIIaX	U	+ JJ
	Storage temperature			



ENERGY AND AUTOMATION

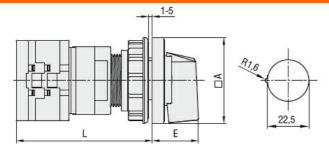
GX1684U47

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min	°C	-40
max	°C	+70

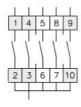
	mar	•	
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree		•	IP20

Dimensions



Carina	Dimensions		L				
Series	□A	Е	1	2	3	8	
GX16	48	26.5	64.9	73.4	81.9	124.4	
GX20	48	26.5	64.9	73.4	81.9	124.4	

Wiring diagrams



1	X				
2			Χ		
3					χ
4		Χ			
5				Χ	
				84	

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