

GX16109U47 ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation				Rotary cam
-				switches
Product type designati General characteristics				GX16
Switching diagram	5			109 - Multi-step 0-1-2-3-4 1 pole
N° of elements				2
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltag	je Ui			000
		IEC/EN UL/CSA	V V	690 600
Rated impulse withsta	nd voltage Llimp	UL/CSA	kV	6
Conventional free air th			IX V	<u> </u>
		IEC/EN	А	16
		UL/CSA	А	12
Rated operational volta	age		V	440
Rated operational imp	ulse voltage		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	A	16
		15kA	A	16
Rated short time curre	at law	25kA	A	16
Rated short time curre	TH ICW	1s	А	250
Conductivity		13	Λ	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A		А	16
	AC15		A	10
		110V	А	10
		220/230V	A	8
		380/400V	А	4
		660/690V	А	1.5
Rated operational pow				
	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	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			0.75
		110V	kW	0.75
		220/230V	kW	1.8

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	380/440V	kW	3
Rated operational current in DC			
DC21A			
	48V	А	16
	60V	А	16
	110V	А	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	А	10 (3)
	220V	Α	7 (4)
DC13			
	24V	А	16
	48V	А	14
	60V	А	10
	110V	А	1
	220V	А	0.4
	440V	А	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			
	min	AWG	20
	Max	AWG	12
AWG - Flexible cable	111001	/	
	min	AWG	20
	Max	AWG	12
Conductor size (IEC) - Flexible cable	Max	////0	12
	min	mm²	0.5
	Max	mm²	2.5
Conductor size (IEC) - Rigid cable	Iviax	111111	2.0
Conductor size (ILO) - Rigid Cable	min	mm²	0.5
	Max	mm²	2.5
Mechanical life	IVIAX	cycles	1X10 ⁶
UL technical data		Cycles	1710
Motor power for direct-on-line control			
•			
for three-phase motor	120V	HP	15
	120V 240V		1.5
		HP	3
	480V	HP	5
for the standard matrix to the	600V	HP	5
for single-phase motor	1001/		0.75
	120V	HP	0.75
	240V	HP	1
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55

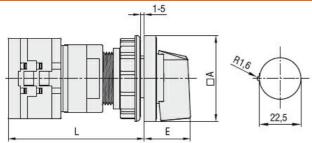
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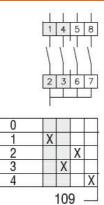
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Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensions				



Carias	Dimensions		L			
Series	□A	E	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



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

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