

GX1693U47 ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 3 POLES 16A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

			Rotary cam
Product designation			switches
Product type designation General characteristics			GX16
			93 - Multi-step 1-
Switching diagram			2-3 3 poles
N° of elements			5
			U47 - Snap on
Mounting form			fron mounting with black handle
Mounting form			for hole diam.
			22mm finxing
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 Maximum fuse size for short-circuit protection In (gG)		kV	4
Maximum ruse size for short-circuit protection in (gG)	10kA	А	16
	15kA	A	16
	25kA	A	16
Rated short time current Icw	2010.1		
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	16
AC15			
	110V	А	10
	220/230V	A	8
	380/400V	A	4
Deted exerctional newer in AC	660/690V	A	1.5
Rated operational power in AC Three-phase AC-3			
Thee-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			o 7 5
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



ENERGY AND AUTOMATION

Rated operational c	current in DC			
·	DC21A			
		48V	А	16
		60V	А	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
		440 V	A	0.25
	DC23A (poles in series)	0.01/		40 (4)
		24V	A	16 (1)
		48V	A	16 (2)
		60V	А	16 (3)
		110V	A	10 (3)
		220V	А	7 (4)
	DC13			
		24V	А	16
		48V	А	14
		60V	A	10
		110V	A	1
		220V		0.4
			A	
		440V	<u>A</u>	0.15
Power dissipation			W	0.6
Mechanical features	S S			
Terminals screw				3M
Tightening torque for	or terminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
	J. J	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Max		•-
		min	A\A/C	20
		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
UL technical data			.,	-
Motor power for dire	ect-on-line control			
	for three-phase motor			
	ior intee-phase motor	4001/		1 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				
remperance	Operating temperature			
remperature				
remperature	Operating temperature		• •	25
Temperature		min	°C	-25
remperature	Storage temperature	min max	℃ ℃	-25 +55

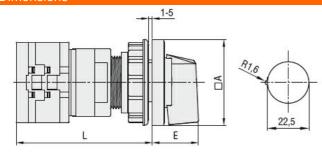
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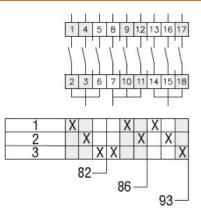
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	min °C -40
	max °C +70
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20
Dimensions	



Cariaa	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

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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