GX1686O

ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 2 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam
Product type designati	switches GX16			
General characteristics				OX10
Switching diagram				86 - Multi-step 1- 2-3 2 poles
N° of elements				3
				O - Rear
Mounting form				mounting with black handle
Contact characteristics				DIACK HARICIE
Rated insulation voltag				
0		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	nd voltage Uimp		kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	А	16
		UL/CSA	Α	12
Rated operational volta	-		V	440
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	A	16
		15kA	A	16
		25kA	A	16
Rated short time current	nt ICW	4	1. 4	050
Conductivity		1s	kA	250 10/5 mA/V
Conductivity Operational current le				10/5 MA/V
Operational current le	AC1/AC21A			
	AC 1/AC21A		А	16
	AC15		Λ	10
		110V	А	10
		220/230V	A	8
		380/400V	А	4
		660/690V	А	1.5
Rated operational pow	er 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
		220/230V 380/440V	kW	5.7 6.5
		500/690V	kW	7.5
	Single-phase AC23A	000/0001	11.0.0	
	Chigie phase Aczon	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Pated operational curre	ant in DC			

Rated operational current in DC

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	DC21A			
	DCZTA	48V	А	16
		48V 60V	A	16
		110V	A	4
		220V	A	- 0.6
		440V	A	0.25
	DC23A (poles in series)	1101		0.20
		24V	А	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	А	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 te	erminals 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		2	- -
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data Motor power for direct	on line control			
	for three-phase motor			
		100\/	μр	15
		120V	HР нр	1.5 3
		240V	HP	3
		240V 480V	HP HP	3 5
		240V	HP	3
	for single-phase motor	240V 480V 600V	HP HP HP	3 5 5
		240V 480V 600V 120V	HP HP HP	3 5 5 0.75
Ambient conditions		240V 480V 600V	HP HP HP	3 5 5
Ambient conditions		240V 480V 600V 120V	HP HP HP	3 5 5 0.75
Ambient conditions Temperature	for single-phase motor	240V 480V 600V 120V	HP HP HP	3 5 5 0.75
		240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1
	for single-phase motor	240V 480V 600V 120V	HP HP HP	3 5 5 0.75
	for single-phase motor Operating temperature	240V 480V 600V 120V 240V min	HP HP HP HP	3 5 5 0.75 1 -25
	for single-phase motor	240V 480V 600V 120V 240V min	HP HP HP HP	3 5 5 0.75 1 -25

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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

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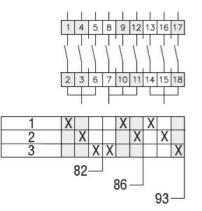
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WITH BLACK HANDLE, FRONT PLATE 48X48MM

IP65
IP20

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		
		EC001029 -

ETIM 8.0