ENERGY AND AUTOMATION

## GX1669O electric ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 4 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches GX16
General characteristics			GXTU
Switching diagram			69 - Changeover switch without 0 4 poles
N° of elements			4
Mounting form			O - Rear mounting with black handle
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			10
	IEC/EN	A	16
Dated aparational valtage	UL/CSA	A V	12 440
Rated operational voltage Rated operational impulse voltage		kV	440
Maximum fuse size for short-circuit protection In (gG)		κv	4
	10kA	А	16
	15kA	A	16
	25kA	А	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	16
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	000/0001/	1.1.47	٥ <i>-</i>
	220/230V 380/440V	kW kW	3.5 4.5
	500/690V	kW	4.5 5.5
Single-phase AC-3	300/030 V		0.0
	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 current in DC	380/440V	kW	3

## Rated operational current in DC

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	DC21A			
		48V	А	16
		60V	А	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	A	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	A	7 (4)
	DC13			
		24V	A	16
		48V	А	14
		60V	A	10
		110V	А	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				ЗM
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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		0.401/	HP	3
		240V	TIF .	
		240V 480V	HP	5
	for single-phase motor	480V	HP	5
	for single-phase motor	480V	HP	5
	for single-phase motor	480V 600V	HP HP	5 5
Ambient conditions	for single-phase motor	480V 600V 120V	HP HP HP	5 5 0.75
Ambient conditions Temperature	for single-phase motor	480V 600V 120V	HP HP HP	5 5 0.75
	for single-phase motor Operating temperature	480V 600V 120V	HP HP HP	5 5 0.75
		480V 600V 120V	HP HP HP	5 5 0.75
		480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1
		480V 600V 120V 240V min	HP HP HP HP	5 5 0.75 1 -25
	Operating temperature	480V 600V 120V 240V min	HP HP HP HP	5 5 0.75 1 -25

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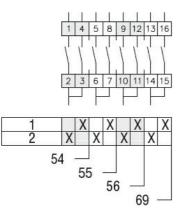
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
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** 

Selector switch, complete