

## **GX16820** ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			
Switching diagram			82 - Multi-step 1- 2-3 1 pole
N° of elements			2
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		_	
	IEC/EN	A	16
	UL/CSA	<u>A</u>	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	16
	15kA	A A	16
	25kA	A	16
Rated short time current Icw	2384	~	10
	1s	А	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			
	220/230V	kW	3.5
	380/440V	kW kW	4.5 5 5
Single-phase AC-3	500/690V	KVV	5.5
Single-phase AC-3	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A	000, 1101		
	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

GX1682O

ENERGY AND AUTOMATION

DC21A

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H GX SERIES, MULTI-STEP 1-2-3, 1 POLE 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM 48V A 16 60V A 16

		40 V	~	10
		60V	А	16
		110V	А	4
		220V	А	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	А	16
		48V	A	14
		60V	А	10
		110V	А	1
		220V	А	0.4
		440V	А	0.15
Dower dissinction			W	0.6
Power dissipation			VV	0.0
Mechanical features				
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
0011000001 3120				
	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 cize (IEC) Digid coble	Max		2.0
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data			0)0.00	
Motor power for direct				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V		
			HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1
Ambiont conditions		240 0	1 11	• 
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
			°C	
		max	U	+55
	Storage temperature			
		min	°C	-40

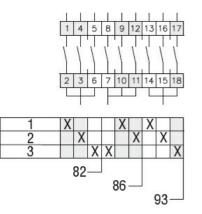
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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max°C+70Resistance & ProtectionIP65Frontal IP degreeIP65Terminals IP degreeIP20DimensionsIP65

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** 

EC001029 -Selector switch, complete