

## **GX161360** ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 3 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches GX16
General characteristics			O/TO
Switching diagram			136 - Multi-step 0-1-2-3 3 poles
N° of elements			5
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
Detection of weltons	UL/CSA	A V	12
Rated operational voltage		kV	440
Rated operational impulse voltage Maximum fuse size for short-circuit protectio	n In (aG)	ĸv	4
	10kA	А	16
	15kA	A	16
	25kA	A	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	A	8
	380/400V	A	4
Deted exerctional neuron 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			0.0
	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23/	4		
	220/230V	kW	3.7
	380/440V	kW	6.5
	500/690V	kW	7.5
Single-phase AC23			
	110V	kW	0.75
	220/230V 280/440V	kW	1.8
Rated operational current in DC	380/440V	kW	3

## Rated operational current in DC

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	00244			
	DC21A	4017	^	16
		48V 60V	A	16
		110V	A	16
		220V	A A	4 0.6
		220V 440V	A	0.25
	DC23A (poles in series)	101	Α	0.20
		24V	А	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	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			0.5
		min Max	mm²	0.5
	Conductor size (IEC) - Rigid cable	IVIdX	mm²	2.5
	Conductor size (IEC) - Rigid Cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAX	cycles	1X10 <sup>6</sup>
UL technical data			eyelee	17(10
Motor power for direct-	on-line control			
	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
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			10
		min	°C	-40

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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			
1       4       5       8       9       12       13       16       17         1       4       5       8       9       12       13       16       17         1       4       5       8       9       12       13       16       17         1       4       5       8       9       12       13       16       17         1       4       5       8       9       12       13       16       17         1       4       1       1       1       1       1       1       1         2       3       6       7       10       11       14       15       18         1       1       1       1       1       1       15       18			
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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			,
<u>cULus</u>			
ETIM classification			EC001029 -
ETIM 8.0			Selector switch, complete