

## **GX16108P** ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 1 POLE 16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

Product designation				Enclosed rotary
Product type designati			cam switch GX16	
General characteristics				GATO
Switching diagram				108 - Multi-step 0-1-2-3 1 pole
N° of elements				2
Mounting form				P - Plastic enclosure with black handle
Contact characteristics	3			
Rated insulation voltag	je Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith		•	4.0
		IEC/EN UL/CSA	A A	16 12
Rated operational volta	200	UL/CSA	X	440
Rated operational imp			kV	4
	r short-circuit protection In (gG)		ιτν	- <u>-</u>
		10kA	А	16
		15kA	A	16
		25kA	А	16
Rated short time curre	nt Icw			
		1s	Α	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
			A	16
	AC15	1101/	٨	10
		110V 220/230V	A A	10 8
		380/400V	A	4
		660/690V	A	1.5
Rated operational pow	ver 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
	Three phase AC22A	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
		380/440V	kW	3
Rated operational curr	ent in DC			

## Rated operational current in DC

GX16108P

ENERGY AND AUTOMATION

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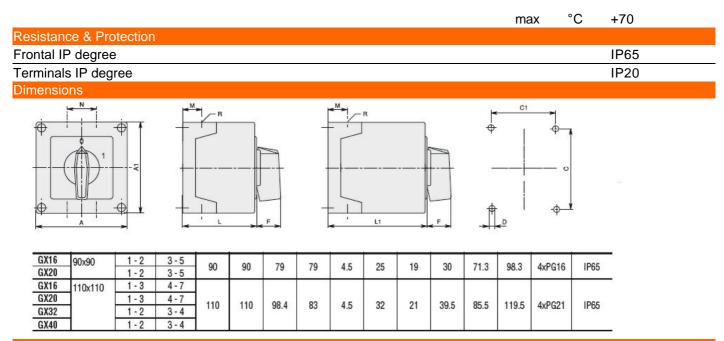
	DC21A				
	502 m	48V	А	16	
		60V	A	16	
		110V	A	4	
		220V	A	0.6	
		440V	A	0.25	
	DC23A (poles in series)	1101	7.	0.20	
		24V	А	16 (1)	
		48V	A	16 (2)	
		60V	A	16 (3)	
		110V	A	10 (3)	
		220V	A	7 (4)	
	DC13	2201		• (•)	
	2010	24V	А	16	
		48V	A	14	
		40V 60V	A	10	
		110V	A	1	
		220V	A	0.4	
		220V 440V	A	0.4 0.15	
Power dissipation		440 V	W	0.6	
Power dissipation Mechanical features			vv	0.0	
				3M	
Terminals screw			Nine		
Tightening torque for te	erminais 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				
	Conductor size (IEC) - Flexible cable	min	mm²	0.5	
		min Max	mm² mm²	0.5 2.5	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max	mm²	2.5	
		Max min	mm²	2.5 0.5	
		Max	mm² mm² mm²	2.5 0.5 2.5	
Mechanical life		Max min	mm²	2.5 0.5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	2.5 0.5 2.5	
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UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	2.5 0.5 2.5 1X10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V	mm <sup>2</sup> mm <sup>2</sup> cycles	2.5 0.5 2.5 1X10 <sup>6</sup>	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V	mm² mm² cycles HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V 480V 600V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 5 0.75	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 5 0.75	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 5 0.75	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 5 0.75	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable         -on-line control for three-phase motor         for single-phase motor	Max min Max 120V 240V 480V 600V 120V	mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 5 0.75	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable         -on-line control for three-phase motor         for single-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	2.5 0.5 2.5 1X10 <sup>6</sup> 1.5 3 5 5 0.75 1	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable         -on-line control for three-phase motor         for single-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	2.5 0.5 2.5 1X10° 1.5 3 5 5 0.75 1 -25	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable         -on-line control for three-phase motor         for single-phase motor         Operating temperature	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles HP HP HP HP HP	2.5 0.5 2.5 1X10° 1.5 3 5 5 0.75 1 -25	

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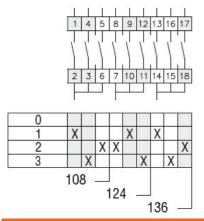
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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### Wiring diagrams



#### Certifications and compliance

EAC

#### Compliance

100	
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	IEC/EN/BS 61058-1
90	

# Certificates

#### ETIM classification

## ETIM 8.0

EC001029 -Selector switch, complete