

# **GX201090** ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3-4, 1 POLE 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
			switches GX20
Product type designation General characteristics			GA20
Switching diagram			109 - Multi-step 0-1-2-3-4 1 pole
N° of elements			2
Mounting form			O - Rear mounting with black handle
Contact characteristics			DIACK HATIULE
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	А	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA 15kA	A	20
	25kA	A A	20 20
Rated short time current Icw	2014	A	20
	1s	kA	250
Conductivity	15	10.1	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	A	6
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3	000/0001/	1.3.47	0.7
	220/230V 380/440V	kW kW	3.7 5.5
	500/690V	kW	5.5
Single-phase AC-3	300/030 V	KVV	5.5
Cirigie pridde / Co C	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A			
·	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	2.2
Rated operational current in DC	380/440V	kW	3.5

#### Rated operational current in DC

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	DC21A			
	DCZTA	48V	А	20
		40V 60V	A	20
		110V	A	4
		220V	A	4 0.6
		440V	A	0.25
	DC23A (poles in series)			0.20
	(	24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	А	16
		60V	А	12
		110V	А	1
		220V	А	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable		A \ A \ O	00
		min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AWG - Flexible Cable	min	AWG	20
		min Max	AWG	20 12
	Conductor size (IEC) - Flexible cable	IVIAX	AWG	12
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	Ινίαλ		2.0
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life		max	cycles	1X10 <sup>6</sup>
UL technical data				
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	1.5
Ambient conditions				
Temperature				
remperature				
remperature	Operating temperature		~ <b>-</b>	
	Operating temperature	min	°C	-25
		min max	2° 2°	-25 +55
Temperature	Operating temperature Storage temperature			

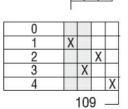
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently 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** 

EC001029 -Selector switch, complete

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