

## **GX2052O** ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 2 POLES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			
Switching diagram			52 - Changeover switch 2 poles
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	20
	UL/CSA	<u>A</u>	15
Rated operational voltage		<u>V</u>	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	4014	۸	20
	10kA 15kA	A A	20 20
	25kA	A	20
Rated short time current Icw	2317	~	20
	1s	kA	250
Conductivity	10	101	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	Α	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	000/0001/	1-147	0.7
	220/230V 380/440V	kW kW	3.7 5.5
	500/690V	kW	5.5 5.5
Single-phase AC-3	500/0901	K V V	5.5
Olingie prizze Ale o	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			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	A	20 (1)
		40V 60V	A	20 (2)
		110V	A	10 (3)
		220V		
	DC12	2200	A	8 (4)
	DC13	0.01/	٨	00
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	А	0.4
		440V	А	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for t	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	,,,,,,	
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) Flavible coble	IVIAX	ANG	12
	Conductor size (IEC) - Flexible cable		mm <sup>2</sup>	0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		-	- <b>-</b>
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
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			
	<b>.</b> .	120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
remperature	Operating temperature			
	Operating temperature		° <b>^</b>	25
		min	°C °C	-25
		max	°C	+55
	Storage temperature	min	°C	-40

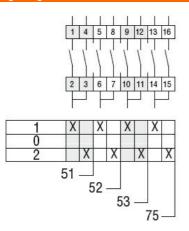
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



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



## 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	

ETIM 8.0

EC001029 -Selector switch, complete