

# **GX2005U** ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

			Rotary cam
Product designation			switches
Product type designation General characteristics			GX20
			05 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
Maximum for me			U - Front
Mounting form			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	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			0.0
	10kA	A	20
	15kA 25kA	A A	20 20
Rated short time current Icw	23KA	A	20
Rated short time current icw	1s	kA	250
Conductivity	13	N/1	10/5 mA/V
Operational current le IEC/EN			10/0 11/0 1
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	А	8
	380/400V	А	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
Cincle shace AO 2	500/690V	kW	5.5
Single-phase AC-3	44017	L/\//	0.75
	110V 220/230V	kW kW	0.75 1.8
	220/230V 380/440V	кvv kW	1.8 3
Three-phase AC23A	300/440V	N V V	5
Theo phase Adzon	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
	380/440V	kW	3.5

## Rated operational current in DC

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electric ENERGY AND AUTOMATION

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ENERGY AND AUTOMATION		WITH BLACK HANDLE	, FRON	PLATE 48X4	3IV
	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	А	20 (2)	
		60V	А	20 (3)	
		110V	Α	10 (3)	
		220V	Α	8 (4)	
	DC13				
		24V	Α	20	
		48V	Α	16	
		60V	А	12	
		110V	А	1	
		220V	А	0.4	
		440V	А	0.15	
Power dissipation			W	0.6	
Mechanical features	;				
Terminals screw				M3	
Tightening torque fo	r terminals max		Nm	0.8	
Conductor size					
	AWG - Rigid cable				
	5	min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable				
		min	AWG	20	
		Max	AWG	12	
	Conductor size (IEC) - Flexible cable				
		min	mm <sup>2</sup>	0.5	

		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 size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			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				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	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

°C

min

-40

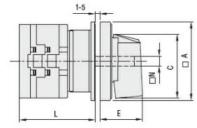


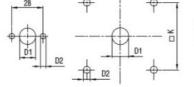
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°C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree

IP20

Dimensions

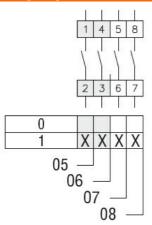




Drillings for 4 screws fixing (4V version).

Series			D	imensio	ns			L Number of elements											
Selles	□A	С	ØD1	ØD2	E	□K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

### 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

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