GX2083O

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

Product designation			Rotary cam
<b>v</b>			switches
Product type designation General characteristics			GX20
			83 - Multi-step 1-
Switching diagram			2-3-4 1 pole
N° of elements			2 O - Rear
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	А	20
	UL/CSA	A	15
Rated operational voltage	01/03/	 V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			· · · · · · · · · · · · · · · · · · ·
	10kA	А	20
	15kA	А	20
	25kA	А	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	20
AC15		~	20
A013	110V	А	10
	220/230V	A	8
	380/400V	А	6
	660/690V	А	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3	440\/	1.1.1/	0.75
	110V 220/230V	kW kW	0.75 1.8
	380/440V	kW	3
Three-phase AC23A	300/440 V	K V V	5
millio phase Aozon	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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ENERGY AND AUTOMATION

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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 (2)
		40V 60V	A	20 (2)
		110V	A	10 (3)
		220V		
	<u></u>	2200	A	8 (4)
	DC13	0.01		
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	Α	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			
	AWG - Rigiu Cable	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	1X10⁰
UL technical data				
Motor power for direct-	-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		480V 600V	HP	5
	for single phase mater	0007	nr <sup>.</sup>	5
	for single-phase motor	10017		0.75
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°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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electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3-4, 1 POLE 20A, FOR REAR MOUNTING

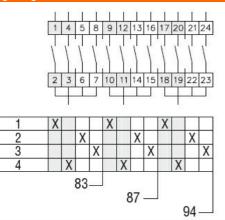
ENERGY AND AUTOMATION

OVE

WITH BLACK HANDLE, FRONT PLATE 48X48MM

	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** 

Selector switch, complete