

GX2082O ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
-			switches GX20
Product type designation General characteristics			GX20
Switching diagram			82 - Multi-step 1- 2-3 1 pole
N° of elements			2-3 1 pole
			O - Rear
Mounting form			mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Detections des withstead welts as Llines	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN	٨	20
	UL/CSA	A	20 15
Rated operational voltage	UL/CSA	A V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΓV	4
Maximum ruse size for short circuit protection in (ge)	10kA	А	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	20
AC15			
	110V	А	10
	220/230V	A	8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	000/0001/	1.1.1.1	0.7
	220/230V	kW	3.7 5.5
	380/440V 500/690V	kW kW	5.5 5.5
Single-phase AC-3	300/0901	R V V	5.5
Single-phase AC-S	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A	000, 110 V		-
·····- F·····	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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	DC21A			
	DOZIA	48V	А	20
		60V	A	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	A	20 (3)
		110V	A	10 (3)
	DC13	220V	A	8 (4)
	DC13	24V	А	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	А	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			
		min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AVVG - Flexible cable	min	AWG	20
		Max	AWG	20 12
	Conductor size (IEC) - Flexible cable	IvidA	ANO	12
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	() 3	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
	for single phase motor	600V	HP	5
	for single-phase motor	120V	HP	0.75
		240V	HP	1.5
Ambient conditions		2401		1.0
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage 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

°C

min

-40



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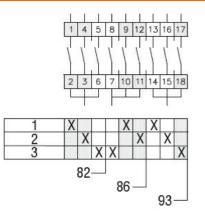
max °C +70

 Resistance & Protection
 IP65

 Frontal 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