

GX2083U47 electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3-4, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation Product type designation General characteristics	Rotary cam switches GX20
General characteristics	GX20
	00 Multi stop 4
Switching diagram	83 - Multi-step 1- 2-3-4 1 pole
N° of elements	2
Mounting form	U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics	
Rated insulation voltage Ui	
IEC/EN V UL/CSA V	690 600
Rated impulse withstand voltage Uimp kV	6
Conventional free air thermal current Ith	0
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)	
10kA A 15kA A	20 20
15kA A 25kA A	20 20
Rated short time current lcw	20
1s kA	250
Conductivity	10/5 mA/V
Operational current le IEC/EN	
AC1/AC21A	
A	20
AC15 110V A	10
220/230V A	8
380/400V A	6
660/690V A	1.5
Rated operational power in AC	
Three-phase AC-3	
220/230V kW	3.7
380/440V kW	5.5
500/690V kW Single-phase AC-3	5.5
110V kW	0.75
220/230V kW	1.8
380/440V kW	3
Three-phase AC23A	
	4
220/230V kW	7.5
380/440V kW	
380/440V kW 500/690V kW	7.5
380/440V kW 500/690V kW Single-phase AC23A	7.5
380/440V kW 500/690V kW	

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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



ENERGY AND AUTOMATION

Rated operational cu				
	DC21A			
		48V	A	20
		60V	A	20
		110V	А	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	A	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	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				
Ferminals screw				M3
Fightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	Max	/	12
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	Max		2.0
	Conductor size (ILO) - Migid cable	min	mm²	0.5
		Max	mm²	2.5
Mechanical life		IVIAA	cycles	1X10 ⁶
JL technical data			Cycles	IXIU
	et en line control			
Notor power for direc				
	for three-phase motor	40017		4 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			0.75
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Femperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			

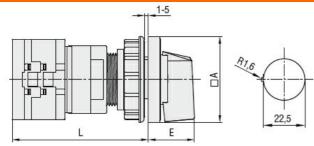
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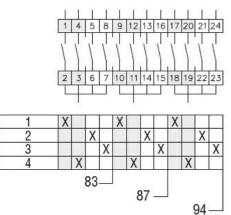
MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

	min °C -40
	max °C +70
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20
Dimensions	



Carias	Dimensions		L			
Series	□A	E	1	2	3	8
GX16	48	26.5	64.9	73.4	81.9	124.4
GX20	48	26.5	64.9	73.4	81.9	124.4

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