

GX20108U47 ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Rotary cam Product designation switches GX20 Product type designation General characteristics 108 - Multi-step Switching diagram 0-1-2-3 1 pole N° of elements 2 U47 - Snap on fron mounting Mounting form with black handle for hole diam. 22mm finxing 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 15 А V 440 Rated operational voltage Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection In (gG) 10kA А 20 15kA 20 А 25kA 20 А Rated short time current Icw 1s kΑ 250 Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A 20 А AC15 110V А 10 220/230V А 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 kW 0.75 110V 220/230V kW 1.8 3 380/440V kW Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A kW 0.75 110V 220/230V kW 2.2 380/440V kW 3.5

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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 c	urrent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V		0.20
	DOZSA (poles in selies)	24V	۸	20 (1)
			A	20 (1)
		48V	A	20 (2)
		60V	Α	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	A	1
		220V	A	0.4
		440V	A	0.4
		440 V		
Power dissipation			W	0.6
Mechanical features				140
Terminals screw				M3
Tightening torque fo	or 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			. –
		min	mm²	0.5
		Max	mm²	2.5
	October aine (IEO) Divid cable	IVIAX		2.5
	Conductor size (IEC) - Rigid cable		2	0.5
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10⁵
UL technical data				
Motor power for dire				
	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		270 0		
Temperature				
remperature	Operating temperature			
	Operating temperature		° ^	05
		min	°C °°	-25
	<u></u>	max	°C	+55
	Storage temperature			

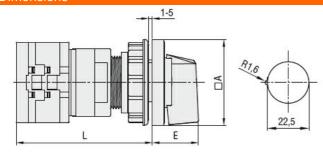
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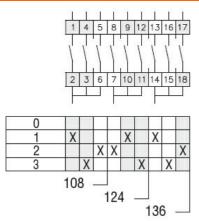
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	min °C -40	
	max °C +70	
Resistance & Protection		
Frontal IP degree	IP65	
Terminals IP degree	IP20	
Dimensions		



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

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	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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