

GX2090U47 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX20
			90 - ON/OFF
Switching diagram			switch 1 pole
N° of elements			1
			U47 - Snap on
Mounting form			fron mounting with black handle
Mounting form			for hole diam.
			22mm finxing
Contact characteristics			J
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
Defe have a free half of the set	UL/CSA	<u>A</u>	15
Rated operational voltage		V	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		kV	4
maximum ruse size for short-circuit protection in (gG)	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	A	10
	220/230V	A	8
	380/400V	A	6
Poted operational power in AC	660/690V	A	1.5
Rated operational power in AC Three-phase AC-3			
Thee-phase AC-5	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3

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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	Three-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
	5 1	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational of	current in DC	000, 1101		0.0
	DC21A			
	DOZIA	48V	А	20
		48V 60V	A	20
		110V	A	4
		220V	Α	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	A	8 (4)
	DC13			
	2010	24V	А	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical feature	S			
Terminals screw				M3
Tightening torque for	or terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA		
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	<u>.</u>	-	- -
		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 ⁶
UL technical data			-	
	ect-on-line control			
	ect-on-line control for three-phase motor	4001/	ПР	15
		120V	HP	1.5
		240V	HP	3
Motor power for dir				

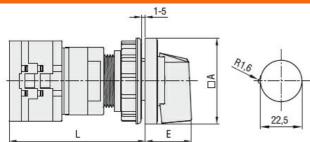
for single-phase motor



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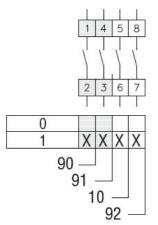
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP65
Terminals IP degree				IP20

Dimensions



Cariaa	Dimer	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

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	

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ETIM classification

EAC

ETIM 8.0

EC001105 - Offload switch