

GX2097U47 ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 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
			97 - Ammeter
Switching diagram			switch
N° of elements			5
			U47 - Snap on fron mounting
Mounting form			with black handle
			for hole diam.
			22mm finxing
Contact characteristics			
Rated insulation voltage Ui		V	<u></u>
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/CSA	kV	6
Conventional free air thermal current Ith		ΚV	0
	IEC/EN	А	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	А	20
	15kA	А	20
	25kA	Α	20
Rated short time current Icw			050
Conductivity	1s	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 MA/ V
AC1/AC21A			
NO II NOZIN		А	20
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	000/000)/		0.7
	220/230V 380/440V	kW kW	3.7 5.5
	500/690V	kW	5.5
Single-phase AC-3	300/0301		0.0
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A			
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	44017	1.1.1.1	0.75
	110V 220/230V	kW kW	0.75 2.2
	380/440V	kW	3.5
	000/110/		v.v

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



Rated operational current in DC

Rated operational curre				
	DC21A			
		48V	A	20
		60V	А	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	А	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	2201	7	0 (4)
	DC13	24V	٨	20
			A	
		48V	A	16
		60V	A	12
		110V	A	1
		220V	А	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			
	C C C C C C C C C C C C C C C C C C C	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	WidA	700	12
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	0 F
		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
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
iomporataro	Operating temperature			
		min	°C	-25
			°C	-25 +55
		max	C	T00

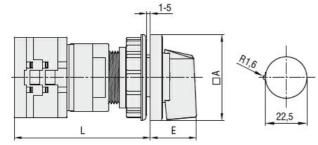
GX2097U47

Storage temperature



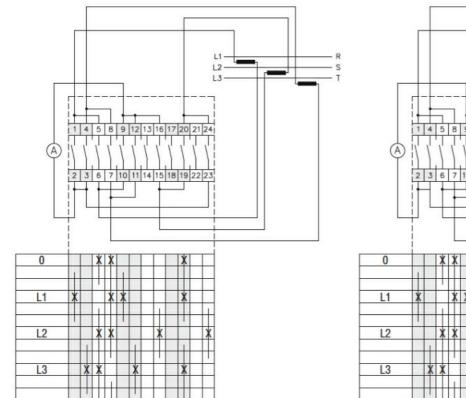
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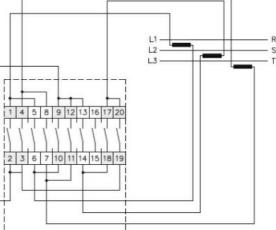
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

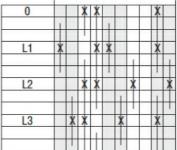


Cariaa	Dimensions			L		
Series	□A	E	1	2	3	8
GX16	48	26.5	64.9	73.4	81.9	124.4
GX20	48	26.5	64.9	73.4	81.9	124.4

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	





ENERGY AND AUTOMATION

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Certificates		
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete