

# **GX2097U** ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
-			switches
Product type designation General characteristics			GX20
Switching diagram			97 - Ammeter
			switch
N° of elements			5 U - Front
Mounting form			U - Front mounting with black handle
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	A	20 15
Rated operational voltage	00/03/	 V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	20
	15kA	А	20
	25kA	А	20
Rated short time current Icw			
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
-045		A	20
AC15	1101/	۸	10
	110V 220/230V	A	10 8
	380/400V	A A	6 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	5.5
Single-phase AC-3			
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A	220/230V	kW	4
	380/440V	kW	4 7.5
	500/690V	kW	7.5
Single-phase AC23A	000,000 V		
	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5

# Rated operational current in DC

GX2097U

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	DC21A			
		48V	А	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	А	10 (3)
		220V	А	8 (4)
	DC13			
		24V	А	20
		48V	А	16
		60V	А	12
		110V	А	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			
	5	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
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data			.,	
Motor power for direct-	on-line control			
	for three-phase motor			
	· · · · · · · · · · · · · · · · · · ·	120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor	0001		
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions		270 0		
Temperature				
remperature	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	Παλ	0	ruu
	olorage lemperature	min	°C	-40
		111111	U U	-40

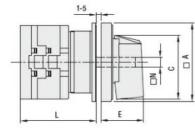
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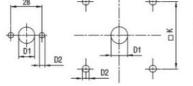
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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max°C+70Resistance & ProtectionIP65Frontal IP degreeIP65Terminals IP degreeIP20DimensionsIP20



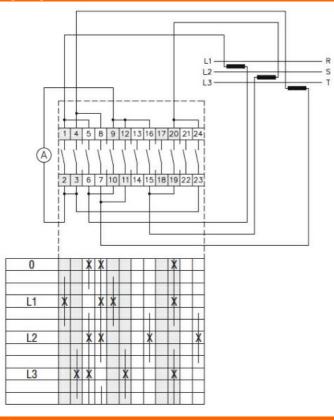


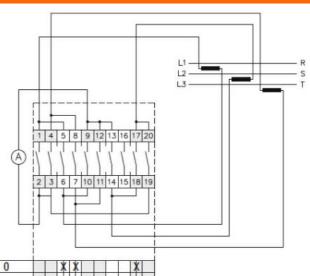
Drillings for 4 screws fixing (4V version).

Series			D	imensio	ns			L Number of elements											
Selles	□A	С	ØD1	ØD2	E	□K	۵N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

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#### Wiring diagrams





	1			T	1			1	
L1	×			x	X		1	x	
L2	1	1	X	x	1	1	X	1	×
L3		X	X	1		X	1	x	

# 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	



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Certificates cULus EAC ETIM classification EC001029 -**ETIM 8.0** 

Selector switch, complete