

GX20124U ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 2 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam		
Product type designation			switches GX20		
General characteristics			C/120		
Switching diagram			124 - Multi-step 0-1-2-3 2 poles		
N° of elements			3		
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	A	20		
Dated approximal voltage	UL/CSA	A V	15 440		
Rated operational voltage Rated operational impulse voltage		kV	440		
Maximum fuse size for short-circuit protection In (gG)		ĸv	4		
Maximum ruse size for short-circuit protection in (go)	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					
		A	20		
AC15	4401/	•	10		
	110V 220/230V	A A	10 8		
	380/400V	A	6		
	660/690V	A	1.5		
Rated operational power in AC	000/000 1	7.	1.0		
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	220/2201/	1-1.1.1	1		
	220/230V 380/440V	kW kW	4 7.5		
	500/690V	kW	7.5		
Single-phase AC23A	500/030V		1.0		
Single plase Adzon	110V	kW	0.75		
	220/230V	kW	2.2		

Rated operational current in DC

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	DC21A			
	DCZTA	48V	А	20
		40V 60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 0	<i>/</i> \	0.20
		24V	А	20 (1)
		48V	A	20 (2)
		60V	A	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	0.15
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 ⁶
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			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature		<u>.</u>	
		min	°C	-25
		max	°C	+55
	Storage temperature		• •	10
		min	°C	-40

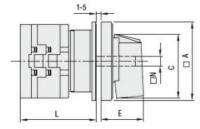
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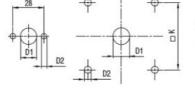
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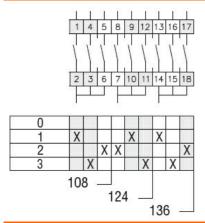




Drillings for 4 screws fixing (4V version).

Carias			D	imensio	ns			L Number of elements											
Series	□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

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

complete