

ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3-4-5, 1 POLE 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches GX32
Product type designation General characteristics			GA32
Switching diagram			110 - Multi-step 0-1-2-3-4-5 1 pole
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	32
But I a conform the second	UL/CSA	A	32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	35
	15kA	A	35 35
	25kA	A	35
Rated short time current lcw	20101	- , ,	
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		۸	20
AC15		Α	32
AC15	110V	Α	25
	220/230V	A	20
	380/400V	Α	10
	660/690V	Α	2
Rated operational power in AC	200,000	-	
Three-phase AC-3			
·	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	1.8
	220/230V	kW	3.5
	380/440V	kW	5.5
Three-phase AC23A			•
	220/230V	kW	8
	380/440V	kW	15 15
Cingle phase ACCOA	500/690V	kW	15
Single-phase AC23A	110\/	kW	2.2
	110V 220/230V	kW	3.5
	380/440V	kW	6
Rated operational current in DC	223/1107		



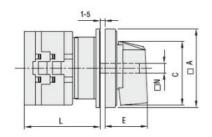
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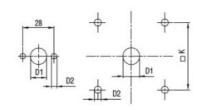
DC21A			
502171	40)/	Δ.	20
	48V	A	32
	60V	Α	32
	110V	Α	5
	220V	A	0.8
D0004 (440V	Α	0.25
DC23A (poles in series)	0.07		22 (1)
	24V	Α	32 (1)
	48V	Α	32 (2)
	60V	Α	32 (3)
	110V	Α	15 (3)
	220V	Α	12 (4)
DC13		_	
	24V	Α	32
	48V	Α	25
	60V	Α	14
	110V	Α	3
	220V	Α	0.5
	440V	Α	0.15
Power dissipation		W	1.6
Mechanical features			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
Conductor size			
AWG - Rigid cable			
· ·	min	AWG	16
	Max	AWG	8
AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
Conductor size (IEC) - Flexible cab			
001100001 0120 (120) 1 1011010 0000	min	mm²	1.5
	Max	mm²	6
Conductor size (IEC) - Rigid cable	THOS.		
3	min	mm²	1.5
3 • • • • • • • • • • • • • • • • • • •	min May	mm²	1.5 10
	min Max	mm²	10
Mechanical life			
Mechanical life UL technical data		mm²	10
Mechanical life UL technical data Motor power for direct-on-line control		mm²	10
Mechanical life UL technical data	Max	mm² cycles	10 1X10 ⁶
Mechanical life UL technical data Motor power for direct-on-line control	Max 120V	mm² cycles	10 1X10 ⁶
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 3 7.5
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V 480V	mm² cycles HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 3 7.5
Mechanical life UL technical data Motor power for direct-on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15
Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5
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Mechanical life UL technical data Motor power for direct-on-line control for three-phase motor for single-phase motor Ambient conditions Temperature Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 3 7.5 15 15 1.5
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ENERGY AND AUTOMATION

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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimonsions			

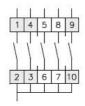




Drillings for 4 screws fixing (4V version).

Carian			D	imensio	าร			L Number of elements											
Series	□A	C	ØD1	ØD2	E	□K	□N	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



0					
1	X			7 0	
2			Χ		
3					X
4		X			
5				Χ	
			110	1	

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

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete