**ENERGY AND AUTOMATION** 

# electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			GX32
General characteristics			07 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			Diagrama in a same in a sa
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	Α	32
	UL/CSA	A	32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	401.4	Λ	25
	10kA 15kA	A A	35 35
	25kA	A	35 35
Rated short time current Icw	ZJKA		33
Nated Short time current tow	1s	Α	1000
Conductivity	10		10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	32
AC15			
	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3		_	
	220/230V	kW	7.5
	380/440V	kW	11
Cinala phaga AC 2	500/690V	kW	11
Single-phase AC-3	440\/	1.1.1.1	1 0
	110V 220/230V	kW kW	1.8 3.5
	380/440V	kW	5.5 5.5
Three-phase AC23A	300/4401	IVVV	0.0
Τίπου μπασυ πολοπ	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC23A			
	110V	kW	2.2
	220/230V	kW	3.5
	380/440V	kW	6

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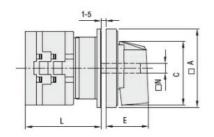
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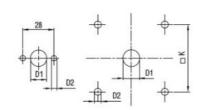
DC21A			
502171	40)/	Δ.	20
	48V	A	32
	60V	Α	32
	110V	Α	5
	220V	A	0.8
D0004 (	440V	Α	0.25
DC23A (poles in series)	0.07		22 (1)
	24V	Α	32 (1)
	48V	Α	32 (2)
	60V	Α	32 (3)
	110V	Α	15 (3)
	220V	Α	12 (4)
DC13		_	
	24V	Α	32
	48V	Α	25
	60V	Α	14
	110V	Α	3
	220V	Α	0.5
	440V	Α	0.15
Power dissipation		W	1.6
Mechanical 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
<b>3</b> • • • • • • • • • • • • • • • • • • •	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 <sup>6</sup>
Mechanical life  UL technical data  Motor power for direct-on-line control	Max 120V	mm² cycles	10 1X10 <sup>6</sup>
Mechanical life  UL technical data  Motor power for direct-on-line control	120V 240V	mm² cycles  HP HP	10 1X10 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 <sup>6</sup> 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 HP	10 1X10 <sup>6</sup> 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 <sup>6</sup> 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 HP	10 1X10 <sup>6</sup> 3 7.5 15 15
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WITH BLACK HANDLE, FRONT PLATE 65X65MM

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	max	°С	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

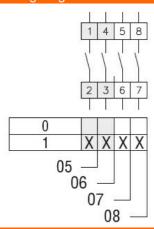




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
Series	□A	C	ØD1	ØD2	Е	□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



### 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