

**ENERGY AND AUTOMATION** 



Product designation			Rotary cam
•			switches
Product type designation			GX40
General characteristics			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			U - Front
Mounting form			mounting with
Contact above staristics			black handle
Contact characteristics  Rated insulation voltage Ui			
Rated Insulation voitage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp	02/00/1	kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	40
	UL/CSA	Α	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	40
	15kA	A	35
Detail also at time a suggest law.	25kA	A	35
Rated short time current Icw	1s	kA	1000
Conductivity	15	KA	10/5 mA/V
Operational current le IEC/EN			10/3 1117/ V
AC1/AC21A			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Α	40
AC15			
	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	220/2201/	LAAA	7.5
	220/230V 380/440V	kW kW	7.5 15
	500/690V	kW	15
Single-phase AC-3	000/000 V	17.4.4	
Single phase / to 0	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A			
	220/230V	kW	9

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# electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

		380/440V	kW	18.5
		500/690V	kW	15
	Single-phase AC23A			_
	3 1	110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Rated operational cur	rent in DC	000/1101		
rtatoa oporational our	DC21A			
	502111	48V	Α	40
		60V	A	40
		110V	A	6
		220V	A	0.8
		440V	A	0.25
	DC22A (nales in agrica)	440 V		0.23
	DC23A (poles in series)	24V	۸	40 (4)
			A	40 (1)
		48V	A	40 (1)
		60V	A	40 (3)
		110V	A	40 (3)
		220V	Α	12 (4)
	DC13		_	
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Power dissipation			W	1.6
Mechanical features				
Mechanical features Terminals screw				M4
	terminals max		Nm	
Terminals screw	terminals max			M4
Terminals screw Tightening torque for t	terminals max  AWG - Rigid cable			M4
Terminals screw Tightening torque for t		min		M4
Terminals screw Tightening torque for t		min Max	Nm	M4 1.2
Terminals screw Tightening torque for t			Nm AWG	M4 1.2
Terminals screw Tightening torque for t	AWG - Rigid cable	Max	Nm AWG AWG	M4 1.2
Terminals screw Tightening torque for t	AWG - Rigid cable		Nm AWG AWG	M4 1.2 16 8
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max min	Nm AWG AWG	M4 1.2 16 8
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	Nm AWG AWG AWG	M4 1.2 16 8 16 10
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	Nm  AWG AWG  AWG  AWG  AWG	M4 1.2 16 8 16 10
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max	Nm AWG AWG AWG	M4 1.2 16 8 16 10
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm²	M4 1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size  Mechanical life	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size  Mechanical life	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm²  mm² cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm² cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup>
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max  120V 240V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max  min Max  120V 240V 480V	Nm  AWG AWG  AWG  AWG  mm² mm² cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max min Max  120V 240V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max  min Max  120V 240V 480V 600V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup> 5 10 15
Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V	Nm  AWG AWG  AWG  AWG  mm² mm² cycles	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>

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WITH BLACK HANDLE, FRONT PLATE 65X65MM

### Ambient conditions

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### Temperature

Operating temperature

max	°C	+55
min	°С	-25

Storage temperature

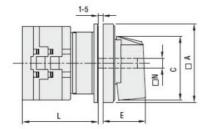
min °C -40 max °C +70

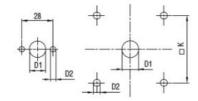
# Resistance & Protection

Frontal IP degree IP65

Terminals IP degree IP20

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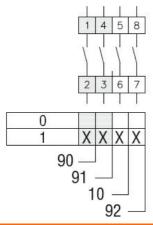




Drillings for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements											
Selles	□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



# 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

GX4010U

cULus

EAC

#### ETIM classification



**GX4010U** 

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ETIM 8.0

EC001105 - Offload switch