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



Product designation			Rotary cam
Product type designation			switches GX40
General characteristics			O/A-0
Switching diagram			10 - ON/OFF switch 3 poles
N° of elements			2
Mounting form			O - Rear 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	Λ	40
	UL/CSA	A A	40 40
Rated operational voltage	OLICOA		440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		100	•
maximam rado dizo for direct direct protection in (go)	10kA	Α	40
	15kA	Α	35
	25kA	Α	35
Rated short time current Icw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	40
AC15			
	110V	A	25
	220/230V	A	22
	380/400V 660/690V	A A	12 2
Pated operational power in AC	000/090 V		
Rated operational power in AC Three-phase AC-3			
Tillee-pilase AO-3	220/230V	kW	7.5
	380/440V	kW	15
	500/440V	kW	15
Single-phase AC-3			
- 0 - 1	110V	kW	2.2
	220/230V	kW	4.4
<u>_</u>	380/440V	kW	7
Three-phase AC23A	220/230V	kW	9

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		380/440V	kW	18.5
		500/690V	kW	15
	Single-phase AC23A			
	-	110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Rated operational cur	rent in DC			_
•	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.8
		440V	A	0.25
	DC23A (poles in series)			
	BOZOT (poles in series)	24V	Α	40 (1)
		48V	A	40 (1)
		60V	A	40 (1)
		110V		
			A	40 (3)
	D040	220V	Α	12 (4)
	DC13	0.417		40
		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	terminals max AWG - Rigid cable			M4
Terminals screw Tightening torque for		min		M4
Terminals screw Tightening torque for			Nm AWG	M4 1.2
Terminals screw Tightening torque for	AWG - Rigid cable	min Max	Nm	M4 1.2
Terminals screw Tightening torque for		Max	Nm AWG AWG	M4 1.2 16 8
Terminals screw Tightening torque for	AWG - Rigid cable	Max min	Nm AWG AWG	M4 1.2 16 8
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	Nm AWG AWG	M4 1.2 16 8
Terminals screw Tightening torque for	AWG - Rigid cable	Max min Max	Nm AWG AWG AWG AWG	M4 1.2 16 8 16 10
Terminals screw Tightening torque for	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	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	Nm AWG AWG AWG AWG	M4 1.2 16 8 16 10
Terminals screw Tightening torque for	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	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 the 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 the 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 the 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 the 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 ⁶
Terminals screw Tightening torque for the 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	AWG AWG AWG AWG mm² mm² cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶
Terminals screw Tightening torque for the 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 ⁶
Terminals screw Tightening torque for the 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 ⁶
Terminals screw Tightening torque for the 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 ⁶
Terminals screw Tightening torque for the 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 ⁶ 5 10 15
Terminals screw Tightening torque for the 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 ⁶

ENERGY AND AUTOMATION

Dimensions

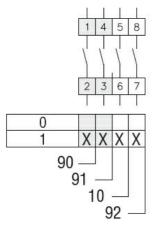
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Ambient conditions Temperature Operating temperature °C min -25 °C +55 max Storage temperature °C min -40 °C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20

max. 15

Series			Dimensions	3		L Number of elements											
Selles	□A	C	E	F	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX20	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
GX32	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180
GX40	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180

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





ENERGY AND AUTOMATION

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ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete