

GX4091O ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 40A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM



Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			91 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			O - Rear mounting with black handle
Contact characteristics			black handle
Rated insulation voltage Ui			
J. J	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	A	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	40
	15kA	A A	40 35
	25kA	A	35
Rated short time current Icw	2010 (00
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		А	40
AC15			
	110V	А	25
	220/230V	A	22
	380/400V 660/690V	A A	12 2
Rated operational power in AC	000/0907	A	Z
Three-phase AC-3			
Three phase A0 0	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC-3			
	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A			<u>.</u>
	220/230V	kW	9

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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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	А	40
		60V	А	40
		110V	А	6
		220V	А	0.8
		440V	А	0.25
	DC23A (poles in series)	-		
		24V	А	40 (1)
		48V	A	40 (1)
		60V	A	40 (3)
		110V	A	40 (3)
		220V	A	12 (4)
	DC13	2200	A	12 (4)
	0013	24V	А	40
		48V	A	32
		60V	A	16
		110V	A	3
		220V	А	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Terminals screw Tightening torque for t	terminals max		Nm	M4 1.2
Terminals screw			Nm	
Terminals screw Tightening torque for t	terminals max AWG - Rigid cable			1.2
Terminals screw Tightening torque for t		min	AWG	1.2
Terminals screw Tightening torque for t	AWG - Rigid cable	min Max		1.2
Terminals screw Tightening torque for t			AWG	1.2
Terminals screw Tightening torque for t	AWG - Rigid cable		AWG	1.2
Terminals screw Tightening torque for t	AWG - Rigid cable	Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG AWG	1.2 16 8 16
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max	AWG AWG AWG AWG	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 min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	1.2 16 8 16 10 1.5
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 mm ² mm ²	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 min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5 10
Terminals screw Tightening torque for t Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5
Terminals screw Tightening torque for t 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	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5 10
Terminals screw Tightening torque for t Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	1.2 16 8 16 10 1.5 6 1.5 10
Terminals screw Tightening torque for t 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	AWG AWG AWG Mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶
Terminals screw Tightening torque for t 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 120V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶
Terminals screw Tightening torque for t 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	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10
Terminals screw Tightening torque for t 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 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15
Terminals screw Tightening torque for t 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	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10
Terminals screw Tightening torque for t 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 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15
Terminals screw Tightening torque for t 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 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15

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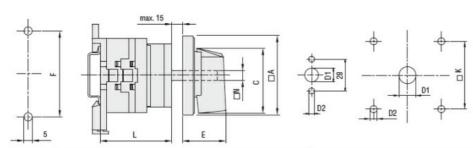
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Ambient conditions

Dimensions

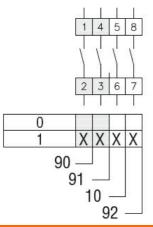
Temperature

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



Series	Dimensions			L Number of elements													
Selles	□A	С	E	F	۵N	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

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ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete