

GX32920 ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM



Product designation			Rotary cam
-			switches
Product type designation			GX32
General characteristics			
Switching diagram			92 - ON/OFF
N° of elements			switch 4 poles 2
			O - Rear
Mounting form			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	А	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)			
	10kA	A	35
	15kA	A	35
Detected and the second	25kA	A	35
Rated short time current Icw	10	ĿΛ	1000
Conductivity	1s	kA	10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 MA/V
AC1/AC21A			
ACT/ACZTA		А	32
AC15		~	52
A013	110V	А	25
	220/230V	A	20
	380/400V	A	10
	660/690V	A	2
Rated operational power in AC			
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

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	15
		500/690V	kW	15
	Single-phase AC23A			
		110V	kW	2.2
		220/230V	kW	3.5
		380/440V	kW	6
Rated operational cur	rrent in DC			
·	DC21A			
		48V	А	32
		60V	А	32
		110V	А	5
		220V	А	0.8
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	32 (1)
		48V	A	32 (2)
		40V 60V	A	32 (3)
		110V	A	15 (3)
	DC12	220V	A	12 (4)
	DC13	0.07	^	20
		24V	A	32
		48V	A	25
		60V	A	14
		110V	A	3
		220V	А	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				
Mechanical features Terminals screw				M4
	terminals max		Nm	M4 1.2
Terminals screw	terminals max		Nm	
Terminals screw Tightening torque for	terminals max AWG - Rigid cable		Nm	
Terminals screw Tightening torque for		min	Nm	
Terminals screw Tightening torque for		min Max		1.2
Terminals screw Tightening torque for	AWG - Rigid cable		AWG	1.2
Terminals screw Tightening torque for		Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16
Terminals screw Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	1.2 16 8
Terminals screw Tightening torque for	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Terminals screw Tightening torque for	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	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Terminals screw Tightening torque for	AWG - Rigid cable AWG - 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	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 Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	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 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 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 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 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 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 3
Terminals screw Tightening torque for 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 Max 120V 240V	AWG AWG AWG mm ² mm ² mm ² cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5
Terminals screw Tightening torque for 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 3 7.5 15
Terminals screw Tightening torque for 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 3 7.5
Terminals screw Tightening torque for 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 3 7.5 15 15
Terminals screw Tightening torque for 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 3 7.5 15

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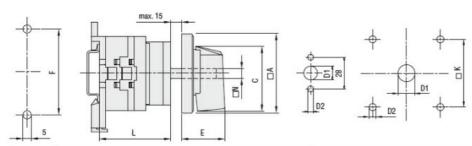
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Ambient conditions

Dimensions

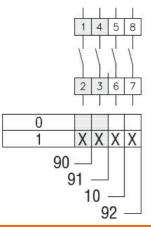
Temperature

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	
Discoutors				



Series Dimensions			L Number of elements														
Selles	□A	C	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