ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM



Product designation			Rotary cam
•			switches
Product type designation			GX16
General characteristics			91 - ON/OFF
Switching diagram			switch 2 poles
N° of elements			1
			O - Rear
Mounting form			mounting with
Contact characteristics			black handle
Rated insulation voltage Ui			
Trated insulation voltage of	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	16
	UL/CSA	Α	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	۸	16
	15kA	A A	16
	25kA	A	16
Rated short time current lcw			
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
1015		A	16
AC15	440\/	۸	10
	110V 220/230V	A A	10 8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3	4461	1387	0.55
	110V	kW	0.55
	220/230V 380/440V	kW kW	1.5 2.2
Three-phase AC23A	300/4401	IV V V	۷.۷
Tilloo pilaso NOZON	220/230V	kW	3.7

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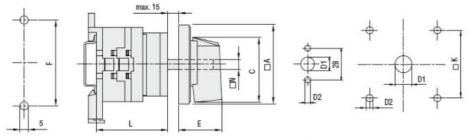
		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur	rent in DC			
•	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	2 C 20.1 (F 0.00 III 00.100)	24V	Α	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
	DC13	220 V		1 (4)
	D013	24V	Α	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.4
Power dissipation		440 V	W	0.6
rowei dissipation			VV	0.0
Machanical features				
Mechanical features				3M
Terminals screw	torminals may		Nm	3M
Terminals screw Tightening torque for t	terminals max		Nm	3M 0.5
Terminals screw			Nm	
Terminals screw Tightening torque for t	terminals max AWG - Rigid cable	main		0.5
Terminals screw Tightening torque for t		min	AWG	20
Terminals screw Tightening torque for t	AWG - Rigid cable	min Max		0.5
Terminals screw Tightening torque for t		Max	AWG AWG	0.5 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min	AWG AWG	0.5 20 12 20
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	0.5 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	AWG AWG AWG	0.5 20 12 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.5 20 12 20 12 0.5
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	0.5 20 12 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm²	0.5 20 12 20 12 0.5 2.5
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 mm² mm²	0.5 20 12 20 12 0.5 2.5 0.5
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	0.5 20 12 20 12 0.5 2.5 0.5 2.5
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	0.5 20 12 20 12 0.5 2.5 0.5
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	0.5 20 12 20 12 0.5 2.5 0.5 2.5
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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	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 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	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 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 120V 240V	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
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 120V 240V 480V	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5
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	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
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 120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5
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	AWG AWG AWG AWG mm² mm² cycles	0.5 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5

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Dimensions

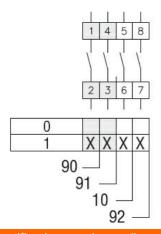
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Ambient conditions Temperature Operating temperature °C min -25 °C +55 max Storage temperature °C min -40 °C +70 max Resistance & Protection Frontal IP degree IP65 Terminals IP degree IP20



Series	Dimensions				L Number of elements												
Selles	□A	С	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

IEC/EN/BS	60947-1
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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