## ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM



Product designation			Rotary cam
•			switches
Product type designation			GX20
General characteristics			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			O - Rear
Mounting form			mounting with
Contact characteristics			black handle
Rated insulation voltage Ui			
rated 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	20
	UL/CSA	Α	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	20
	15kA	A	20
	25kA	Α	20
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
AC45		Α	20
AC15	110V	Α	10
	220/230V	A	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3.7
	380/440V	kW	5.5
Single phase AC 2	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A	<u> </u>		
•	220/230V	kW	4

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		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			_
	5 1	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cur	rent in DC			
rated operational cut	DC21A			
	56277	48V	Α	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC22A (polos in porios)	440 V		0.25
	DC23A (poles in series)	241/	۸	20 (4)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Mechanical features Terminals screw				M3
Terminals screw	terminals max		Nm	M3 0.8
Terminals screw Tightening torque for t	terminals max		Nm	M3 0.8
Terminals screw			Nm	
Terminals screw Tightening torque for t	terminals max  AWG - Rigid cable	min		0.8
Terminals screw Tightening torque for t		min	AWG	20
Terminals screw Tightening torque for t	AWG - Rigid cable	min Max		0.8
Terminals screw Tightening torque for t		Max	AWG AWG	0.8 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min	AWG AWG	0.8 20 12 20
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max	AWG AWG	0.8 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	AWG AWG AWG	0.8 20 12 20 12
Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 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	0.8 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	0.8  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 min	AWG AWG AWG AWG mm² mm²	0.8  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	0.8  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 min	AWG AWG AWG AWG mm² mm²	0.8  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 min	AWG AWG AWG AWG mm² mm²	0.8  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  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8  20 12  20 12  0.5 2.5  0.5 2.5
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 min Max	AWG AWG AWG Mm² mm² mm² cycles	0.8  20 12  20 12  0.5 2.5  0.5 2.5  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	AWG AWG AWG AWG mm² mm²	0.8  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  t-on-line control	Max min Max min Max min Max  120V 240V	AWG AWG AWG AWG mm² mm² cycles	0.8  20 12  20 12  0.5 2.5  0.5 2.5  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 480V	AWG AWG AWG AWG mm² mm² cycles	0.8  20 12  20 12  0.5 2.5  0.5 2.5  1X10 <sup>6</sup> 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	Max min Max min Max  min Max  120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles	0.8  20 12  20 12  0.5 2.5  0.5 2.5  1X10 <sup>6</sup> 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	0.8  20 12  20 12  0.5 2.5  0.5 2.5  1X10 <sup>6</sup> 1.5 3 5

IP20

**ENERGY AND AUTOMATION** 

Terminals IP degree

**Dimensions** 

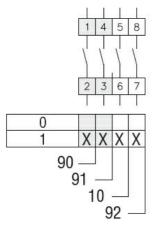
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#### Ambient conditions Temperature Operating temperature °C min -25 °C +55 max Storage temperature °C min -40 °C +70 max Resistance & Protection Frontal IP degree IP65

# max. 15

Series	Dimensions				L Number of elements												
	□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

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