GX2091U12

### electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING **ENERGY AND AUTOMATION**



Product designation				Rotary cam
_				switches
Product type designa General characteristic				GX20
	US CONTRACTOR OF THE CONTRACTO			91 - ON/OFF
Switching diagram				switch 2 poles
N° of elements				1
Mounting form				U12 - Front mounting without front plate with key operation for hole diam. 22mm fixing
Contact characteristic				
Rated insulation volta	ge Ui			
		IEC/EN	V	690
Data Plana Inc. 20 at	and a Read IP and	UL/CSA	V	600
Rated impulse withsta	• •		kV	6
Conventional free air	thermal current ith	IEO/EN	^	00
		IEC/EN UL/CSA	A	20 15
Rated operational vol	togo	UL/CSA	A V	440
Rated operational imp	nulse voltage		k \/	21
Rated operational imp			kV	4
	oulse voltage or short-circuit protection In (gG)	10kA		
		10kA 15kA	Α	20
		10kA 15kA 25kA		
	or short-circuit protection In (gG)	15kA	A A	20 20
Maximum fuse size fo	or short-circuit protection In (gG)	15kA	A A	20 20
Maximum fuse size fo	or short-circuit protection In (gG)	15kA 25kA	A A A	20 20 20
Maximum fuse size for Rated short time current	ent Icw	15kA 25kA	A A A	20 20 20 20
Maximum fuse size for Rated short time current Conductivity	ent Icw	15kA 25kA	A A A	20 20 20 20
Maximum fuse size for Rated short time current Conductivity	ent Icw  e IEC/EN AC1/AC21A	15kA 25kA	A A A	20 20 20 20
Maximum fuse size for Rated short time current Conductivity	ent Icw	15kA 25kA 1s	A A A	20 20 20 250 10/5 mA/V
Maximum fuse size for Rated short time current Conductivity	ent Icw  e IEC/EN AC1/AC21A	15kA 25kA 1s	A A A A	20 20 20 250 10/5 mA/V
Maximum fuse size for Rated short time current Conductivity	ent Icw  e IEC/EN AC1/AC21A	15kA 25kA 1s 110V 220/230V	A A A A	20 20 20 250 10/5 mA/V 20 10
Maximum fuse size for Rated short time current Conductivity	ent Icw  e IEC/EN AC1/AC21A	15kA 25kA 1s 110V 220/230V 380/400V	A A A A A	20 20 20 250 10/5 mA/V 20 10 8 6
Rated short time curre  Conductivity  Operational current le	ent Icw EIEC/EN AC1/AC21A AC15	15kA 25kA 1s 110V 220/230V	A A A A	20 20 20 250 10/5 mA/V 20 10
Maximum fuse size for Rated short time current Conductivity	ent Icw  E IEC/EN AC1/AC21A  AC15	15kA 25kA 1s 110V 220/230V 380/400V	A A A A A	20 20 20 250 10/5 mA/V 20 10 8 6
Rated short time curre  Conductivity  Operational current le	ent Icw EIEC/EN AC1/AC21A AC15	15kA 25kA 1s 110V 220/230V 380/400V 660/690V	A A A A A A	20 20 20 250 10/5 mA/V 20 10 8 6 1.5
Rated short time curre  Conductivity  Operational current le	ent Icw  E IEC/EN AC1/AC21A  AC15	15kA 25kA 1s 110V 220/230V 380/400V 660/690V	A A A A A A	20 20 20 250 10/5 mA/V 20 10 8 6 1.5
Rated short time curre  Conductivity  Operational current le	ent Icw  E IEC/EN AC1/AC21A  AC15	15kA 25kA 1s 110V 220/230V 380/400V 660/690V 220/230V 380/440V	A A A A A A kW kW	20 20 20 250 10/5 mA/V 20 10 8 6 1.5
Rated short time curre  Conductivity  Operational current le	ent Icw  E IEC/EN AC1/AC21A  AC15  Wer in AC Three-phase AC-3	15kA 25kA 1s 110V 220/230V 380/400V 660/690V	A A A A A A	20 20 20 250 10/5 mA/V 20 10 8 6 1.5
Rated short time curre  Conductivity  Operational current le	ent Icw  E IEC/EN AC1/AC21A  AC15	15kA 25kA 1s 110V 220/230V 380/400V 660/690V 220/230V 380/440V	A A A A A A kW kW	20 20 20 250 10/5 mA/V 20 10 8 6 1.5



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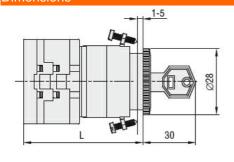
		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
	Gg.o pd.o 7.10_57.1	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational curre	ant in DC	300/440 V	K V V	3.3
Rated operational curre				
	DC21A	40)/		0.0
		48V	A	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
	DC23A (poles in series)			
	•	24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	A	8 (4)
	DC13	ZZ0 V		0 (4)
	DC13	241/	۸	20
		24V	A	20
		48V	A	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
				MO
Terminals screw				M3
	erminals max		Nm	
Tightening torque for te	erminals max		Nm	0.8
			Nm	
Tightening torque for te	erminals max  AWG - Rigid cable	min		0.8
Tightening torque for te		min May	AWG	20
Tightening torque for te	AWG - Rigid cable	min Max		0.8
Tightening torque for te		Max	AWG AWG	0.8 20 12
Tightening torque for te	AWG - Rigid cable	Max min	AWG AWG	0.8 20 12 20
Tightening torque for te	AWG - Rigid cable  AWG - Flexible cable	Max	AWG AWG	0.8 20 12
Tightening torque for te	AWG - Rigid cable	Max min Max	AWG AWG AWG	0.8 20 12 20 12
Tightening torque for te	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 20 12 20 12 0.5
Tightening torque for te	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	0.8 20 12 20 12
Tightening torque for te	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 20 12 20 12 0.5 2.5
Tightening torque for te	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 20 12 20 12 0.5
Tightening torque for te	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG	0.8 20 12 20 12 0.5 2.5
Tightening torque for te	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
Tightening torque for te	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 2.5
Tightening torque for te 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
Tightening torque for te Conductor size	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
Tightening torque for te 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	0.8  20 12  20 12  0.5 2.5  0.5 2.5  1X10°
Tightening torque for te 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	0.8  20 12  20 12  0.5 2.5  1X10 <sup>6</sup>
Tightening torque for te 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	0.8  20 12  20 12  0.5 2.5  0.5 2.5  1X10 <sup>6</sup> 1.5 3
Tightening torque for te 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	0.8  20 12  20 12  0.5 2.5  1X10 <sup>6</sup>

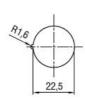


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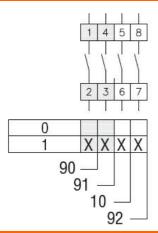
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
Discount of the second				





Comi	0	L				
Seri	Series		2	3.	8	
GX	16	54	62.5	71	113.4	
GX	20	54	62.5	71	113.4	

## 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	
UI 60947-4-1	

#### Certificates



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cULus
EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete