

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING



Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			O/ZU
Switching diagram			90 - ON/OFF
			switch 1 pole
N° of elements			1
			U11 - Front
			mounting with black handle
Mounting form			without front plate
			for hole diam.
			22mm fixing
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	150/5N		0.0
	IEC/EN UL/CSA	A	20 15
Rated operational voltage	UL/C5A	A V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		K V	
Maximum rase size for short enough protestion in (ge)	10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current lcw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
· • · -		Α	20
AC15	4401	Α.	40
	110V	A	10
	220/230V	A	8
	380/400V 660/690V	A A	6 1.5
Rated operational power in AC	000/0907		1.0
Three-phase AC-3			
Till do pilado No d	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3			
- ·	110V	kW	0.75





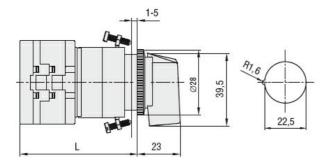
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		380/440V	kW	3
	Three-phase AC23A			
	•	220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	0	300/6907	KVV	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational curr	ent in DC			
•	DC21A			
		48V	Α	20
		60V	A	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	A	20 (3)
		110V		
			A	10 (3)
	1	220V	A	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	A	0.15
Danier diamin ation		4401		
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for to	erminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	7.11 C Trigia dabio	min	AWG	20
		Max	AWG	12
	ANNO 51 111 11	IVIAX	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
		IVIAA		
	Conductor size (IEC) - Flexible cable	IVIAX		
	Conductor size (IEC) - Flexible cable	min	mm²	0.5
	Conductor size (IEC) - Flexible cable	min		
			mm² mm²	0.5 2.5
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min Max	mm²	2.5
		min Max min	mm²	0.5
		min Max	mm² mm² mm²	2.5 0.5 2.5
Mechanical life		min Max min	mm²	0.5
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm²	2.5 0.5 2.5
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UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm²	2.5 0.5 2.5
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max	mm² mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max	mm² mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max 120V 240V	mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶ 1.5 3
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max	mm² mm² mm² cycles	2.5 0.5 2.5 1X10 ⁶



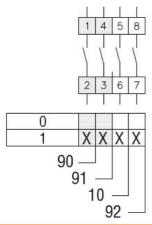
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	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ion			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				



Series	L			
	1	2	3	8
GX16	54	62.5	71	147.5
GX20	54	62.5	71	147.5

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	
III 60047-4-1	



ENERGY AND AUTOMATION

GX2090U11

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Certificates				
	cULus			
	EAC			
ETIMA distance (Const.)				

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete