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 designation General characteristics			GX20
			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 characteristics			
Rated insulation voltage Ui	150/5N		000
	IEC/EN UL/CSA	V	690
Rated impulse withstand voltage Uimp	UL/CSA	V kV	600
Conventional free air thermal current Ith		K V	
Conventional nee all thermal current till	IEC/EN	Α	20
	UL/CSA	A	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	Α	20
B. I.I. of	25kA	Α	20
Rated short time current lcw	1 -	LεA	250
Conductivity	1s	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
No imozin		Α	20
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
	660/690V	Α	1.5
Rated operational power in AC			
Three-phase AC-3	220/2201/	LAAZ	2.7
	220/230V 380/440V	kW kW	3.7 5.5
	500/690V	kW	5.5
Single-phase AC-3	300/330V	11.7.7	
2g.c Facc	110V	kW	0.75
	220/230V	kW	1.8



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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			
	Cingle prides 7.0257.	110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational curre	ent in DC	300/440 V	KVV	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	220 V		0 (4)
	DC13	241/	٨	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				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.8
Conductor size				_
	AWG - Rigid cable			
	7.11.0 Taga babie	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	IVICA	AVVO	12
	AVVO - FIEXIDIE CADIE	min	AWG	20
	01(Max	AWG	12
	Conductor size (IEC) - Flexible cable	_	_	
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direct-	on-line control			
Motor power for direct-				
Motor power for direct-	on-line control for three-phase motor	1201/	HD	1.5
Motor power for direct-		120V	HP up	1.5
Motor power for direct-		240V	HP	3
Motor power for direct-		240V 480V	HP HP	3 5
Motor power for direct-		240V	HP	3

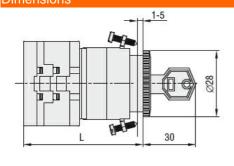
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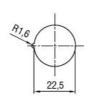


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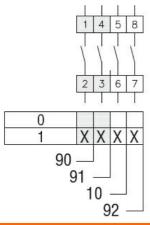
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP65
Terminals IP degree				IP20
Dimensions				





Series	L			
Series	1	2	3	8
GX16	54	62.5	71	113.4
GX20	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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GX2091U12

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cULus
EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete