

PIECTIC ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE WITHOUT FRONT PLATE FOR HOLE Ø22MM FIXING

Product type designation	on.			Rotary cam switches GX20
Product type designation General characteristics				GA20
				07 - ON/OFF
Switching diagram				switch 3 poles
N° of elements				2
Mounting form				U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	ermai current itri	IEC/EN	Α	20
		UL/CSA	A	15
Rated operational volta	ae	OLIOOA	V	440
Rated operational impu			kV	4
	short-circuit protection In (gG)			
		10kA	Α	20
		15kA	Α	20
		25kA	Α	20
Rated short time currer	nt Icw			
0 1 0 0		1s	kA	250
Conductivity				10/5 mA/V
Operational current le	AC1/AC21A			
	ACT/ACZTA		Α	20
	AC15			
	7.6.16	110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
		660/690V	Α	1.5
Rated operational power				
	Three-phase AC-3	000/000	1300	0.7
		220/230V	kW	3.7
		380/440V 500/690V	kW kW	5.5 5.5
	Single-phase AC-3	300/0901	KVV	J.J
	olligic phase AO 5	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
	Three-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A	44017	1.147	0.75
		110V 220/230V	kW kW	0.75 2.2
		ZZU/Z3UV	IV V V	۷.۷



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ENERGY AND AUTOMATION

Rated operational current in DC			380/440V	kW	3.5
ABV	Rated operational curr				
Body		DC21A			
1100				Α	20
				Α	20
DC23A (poles in series)			110V	Α	4
DC23A (poles in series)			220V	Α	0.6
24V			440V	Α	0.25
ABV A 20 (2)		DC23A (poles in series)			
Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable Con			24V	Α	20 (1)
110V			48V	Α	20 (2)
DC13			60V	Α	20 (3)
DC13			110V	Α	10 (3)
Power dissipation			220V	Α	8 (4)
ABV		DC13			_
Conductor size (IEC) - Flexible cable Max			24V	Α	20
110V			48V	Α	16
Power dissipation			60V	Α	12
Power dissipation W 0.6 W 0.6			110V	Α	1
Power dissipation W 0.6 Mechanical features W 0.6 Mechanical features W 0.8 Max Ma			220V	Α	0.4
Machanical features			440V	Α	0.15
Machanical features	Power dissipation			W	0.6
Tightening torque for terminals max	-				
AWG - Rigid cable	Terminals screw				M3
AWG - Rigid cable	Tightening torque for to	erminals max		Nm	0.8
AWG - Rigid cable min					
AWG - Flexible cable		AWG - Rigid cable			
AWG - Flexible cable		g.a cazie	min	AWG	20
AWG - Flexible cable min AWG 20 Max AWG 12					
min Max AWG 20 Max AWG 12 Conductor size (IEC) - Flexible cable min Max mm² 0.5 Max mm² 2.5 Conductor size (IEC) - Rigid cable min mm² Max mm² 2.5 Mechanical life cycles 1X10° UL technical data vcles 1X10° UL technical data 120V HP 1.5 1.5 Motor power for direct-on-line control 120V HP 3 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 5 5 600V HP 5 5 Ambient conditions Temperature Operating temperature min °C -25 -25		AWG - Flexible cable			
Max AWG 12		ATTO THOMBIC CODIC	min	AWG	20
Conductor size (IEC) - Flexible cable					
Max mm² 0.5 Max mm² 2.5		Conductor size (IEC) - Flexible cable	West	71110	
Max mm² 2.5		Contractor Cizo (120) Tronble cable	min	mm²	0.5
Conductor size (IEC) - Rigid cable					
Max min mm² mm² mm² mm² 2.5 0.5 mm² 2.5 Mechanical life cycles 1X106 UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 3 480V HP 5 5 600V HP 5 5 for single-phase motor 120V HP 0.75 120V HP 1.5 1.5 Ambient conditions 240V HP 1.5 Temperature Operating temperature min °C -25		Conductor size (IEC) - Rigid cable	West		
Mechanical life cycles 1X10° UL technical data Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature Min °C -25		Talled (120) Tagle debic	min	mm²	0.5
Mechanical life cycles 1X10 ⁶ UL technical data Motor power for direct-on-line control 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 5 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature					
Motor power for direct-on-line control	Mechanical life		IVIUA		
Motor power for direct-on-line control for three-phase motor 120V HP 1.5 240V HP 3 480V HP 5 600V HP 5 for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature min °C -25				Cycles	17(10
for three-phase motor 120V		-on-line control		_	
120V	Motor power for difect				
240V		ioi alloo pilaoo motol	120\/	HP	1.5
480V HP 5 600V HP 5					
600V HP 5					
for single-phase motor 120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature min °C -25					
120V HP 0.75 240V HP 1.5 Ambient conditions Temperature Operating temperature min °C -25		for single-phase motor	0007	TH.	<u> </u>
Ambient conditions Temperature Operating temperature min °C -25		ioi single-phase motor	1201/	ЦD	0.75
Ambient conditions Temperature Operating temperature min °C -25					
Temperature Operating temperature min °C -25	Ambient conditions		Z4UV	ПР	1.0
Operating temperature min °C -25					
min °C -25	remperature	Operating temperature			
		Operating temperature	!	°C	25
max °C +55					
			max	U	τυυ



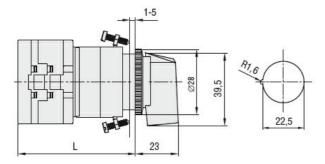
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ENERGY AND AUTOMATION

Resistance & Protection Frontal IP degree
Terminals IP degree

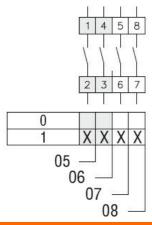
Storage temperature				
	min	°C	-40	
	max	°C	+70	
ion				
			IP65	
			IP20	

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

UL60947-4-1

Certificates

cULus EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete