

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 20A, FOR FRONT MOUNTING WITHOUT FRONT PLATE WITH KEY OPERATION FOR HOLE Ø22MM FIXING **ENERGY AND AUTOMATION**

Switching diagram	Product designation Product type designati	on			Rotary cam switches GX20
Switching diagram Switch 4 poles S					GAZO
No of elements 2					08 - ON/OFF
Mounting form With the properties of the pro					switch 4 poles
Mounting form mounting without from plate with key operation for hole dam. 22mm from hole dam. 22mm f	N° of elements				
Rated insulation voltage Ui					mounting without front plate with key operation for hole diam. 22mm
Rated impulse withstand voltage Uimp					
Rated impulse withstand voltage Ulimp	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Ulimp					
Conventional free air thermal current Ith			UL/CSA		
IEC/EN				KV	б
Rated operational voltage V	Conventional free air tr	iennai current itri	IEC/EN	٨	20
Rated operational voltage V 440					
Rated operational impulse voltage	Rated operational volta	age	OLIOOA		
Maximum fuse size for short-circuit protection In (gG)					
10kA					
Rated short time current Icw 1s		, ,	10kA	Α	20
Rated short time current low			15kA	Α	20
Three-phase AC-3A Single-phase AC-23A			25kA	Α	20
Conductivity	Rated short time curre	nt Icw			
A			1s	kA	
AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 110V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 7.5					10/5 mA/V
AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 Single-phase AC23A Sing	Operational current le				
AC15 110V		AC1/AC21A		٨	20
110V		ΔC15			20
220/230V		A010	110V	Α	10
Single-phase AC23A Single-					
Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5					
Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75			660/690V	Α	1.5
220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Rated operational pow	er in AC			
380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A		Three-phase AC-3			
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 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
Single-phase AC-3 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 110V kW 0.75					
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 110V kW 0.75		Cingle phase AC 2	500/690V	KVV	5.5
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 110V kW 0.75		Single-phase AC-3	110\/	L\\/	0.75
380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75		Three-phase AC23A	000/770 V		
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75			220/230V	kW	4
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75					
110V kW 0.75					
		Single-phase AC23A			
220/230V kW 2.2					
			220/230V	kW	2.2



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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 Operating temperature min °C -25		Talled (120) Tigit dubic	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 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

IP20



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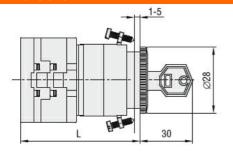
ENERGY AND AUTOMATION

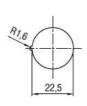
Storage temperature °C -40 min °C max +70 Resistance & Protection IP65

Dimensions

Frontal IP degree

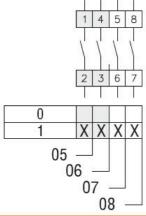
Terminals IP degree





Series	L				
Selles	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

UL60947-4-1

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete