

ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam switches
Product type designation			GX20
General characteristics			GAZO
Switching diagram N° of elements			66 - Voltmeter switch for phase- neutral and phase-phase voltages
- Or Glomonia			O - Rear
Mounting form			mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	Α	20
	UL/CSA	Α	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. H. L. W.	25kA	A	20
Rated short time current Icw	4	1. 0	050
Conductivity	1s	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
AOTAOZTA		Α	20
AC15			
7.0.10	110V	Α	10
	220/230V	A	8
	380/400V	Α	6
	660/690V	Α	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
Three-phase AC23A	380/440V	kW	3
Tillee-pliase AC23A	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5 7.5
Single-phase AC23A	000/000 V	11.7.7	
0.1.3.0 p.1.000 / 1020/ 1	110V	kW	0.75
	220/230V	kW	2.2

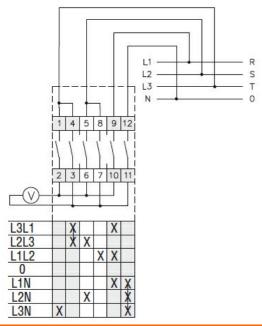
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Rated operational current in DC			380/440V	kW	3.5
ABV	Rated operational curr				
Body		DC21A			
1100				Α	20
				Α	20
DC23A (poles in series)			110V	Α	4
DC23A (poles in series)			220V	Α	0.6
24V			440V	Α	0.25
ABV A 20 (2)		DC23A (poles in series)			
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 120V HP 1.5 240V HP 3 3 480V HP 5 5 600V HP 5 5 for single-phase motor 120V HP 0.75 240V HP 1.5 1.5 Ambient conditions 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 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 or colspan="3">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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Storage temperature				
2.5.19	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensions				
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