

ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2, 3 POLES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Product designation				Rotary cam
_				switches
Product type designation General characteristics				GX20
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN UL/CSA	V V	690 600
Rated impulse withstan			kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	20
		UL/CSA	Α	15
Rated operational volta			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for	short-circuit protection In (gG)	401.4	^	00
		10kA 15kA	A	20
		25kA	A A	20 20
Rated short time currer	at Icw	ZUKA		20
rated short time curren	IL IGW	1s	Α	250
Conductivity		10		10/5 mA/V
Operational current le l	EC/EN			10/011114
	AC1/AC21A			
			Α	20
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
		660/690V	Α	1.5
Rated operational power				
	Three-phase AC-3	000/005:		0.7
		220/230V	kW	3.7
		380/440V	kW	5.5 5.5
	Single-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
		220/230V	kW	2.2



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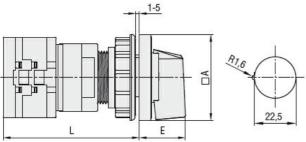
Rated operational current in DC			380/440V	kW	3.5
ABV	Rated operational curr				
Body		DC21A			
1100				Α	20
				Α	20
DC23A (poles in series)			110V	Α	4
DC23A (poles in series)			220V	Α	0.6
24V			440V	Α	0.25
ABV A 20 (2)		DC23A (poles in series)			
Conductor size (IEC) - Flexible cable Conductor size (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 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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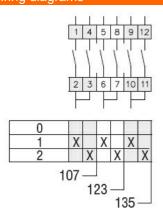
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20

Dimensions



Series	Dimer	Dimensions		L			
	□A	Е	1	2	3	8	
GX16	48	26.5	64.9	73.4	81.9	124.4	
GX20	48	26.5	64.9	73.4	81.9	124.4	

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