electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 1 POLE 20A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM **ENERGY AND AUTOMATION**

Product designation			Rotary cam switches
Product type designation General characteristics			GX20
Switching diagram			108 - Multi-step 0-1-2-3 1 pole
N° of elements			2
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/EN		00
	IEC/EN UL/CSA	A	20 15
Rated operational voltage	UL/CSA	A V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	<u> </u>
Wide with the size for short should protestion in (90)	10kA	Α	20
	15kA	A	20
	25kA	Α	20
Rated short time current lcw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	20
AC15			
	110V	Α	10
	220/230V	A	8
	380/400V 660/690V	A	6 1.5
Rated operational power in AC	000/0901	Α	1.5
Three-phase AC-3			
Tillee phase Ao-s	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
01-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	500/690V	kW	7.5
Single-phase AC23A	440\/	[2] [4]	0.75
	110V 220/230V	kW kW	0.75 2.2
	380/440V	kW	3.5
Rated operational current in DC	300/ 11 0 V	17.4.4	0.0



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	DC24A			
	DC21A	48V	٨	20
		46 V 60 V	A A	20
		110V		
		220V	A	4
		440V	A A	0.6
	DC22 A (polos in parios)	440 V	A	0.25
	DC23A (poles in series)	24V	۸	20 (1)
		48V	A A	20 (1)
		60V	A	20 (2)
		110V	A	20 (3) 10 (3)
		220V	A	8 (4)
	DC13	220 V		0 (4)
	DC13	24V	Α	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V		
			A	0.4
Danier diamination		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				MO
Terminals screw			NI	M3
Tightening torque for te	erminais max		Nm	0.8
Conductor size				
	AWG - Rigid cable	_		
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	_		
		min	AWG	20
	-	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-				
	for three-phase motor			
	for three-phase motor	120V	HP	1.5
	for three-phase motor	240V	HP	3
	for three-phase motor	240V 480V	HP HP	3 5
		240V	HP	3
	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 5 5
		240V 480V 600V	HP HP HP	3 5 5 0.75
		240V 480V 600V	HP HP HP	3 5 5
Ambient conditions		240V 480V 600V	HP HP HP	3 5 5 0.75
Ambient conditions Temperature	for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
		240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
•	for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5
•	for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP C °C	3 5 5 0.75 1.5
	for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1.5



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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
Wiring diagrams			

0 1 X X X X X 2 X X 3 X X X X 108 —

Certifications and compliance

124

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

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EAC

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete