## electric ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 20A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM **ENERGY AND AUTOMATION**

Product designation				Rotary cam switches GX20
Product type designation General characteristics				GA20
Switching diagram				56 - Changeover switch without 0 3 poles
N° of elements				3
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
		UL/CSA	<u>V</u>	600
Rated impulse withstar	· ·		kV	6
Conventional free air th	nermal current Ith	IEO/EN	•	00
		IEC/EN	A	20
Rated operational volta	200	UL/CSA	A V	15 440
Rated operational impu	-		kV	4
	short-circuit protection In (gG)		K V	
Waxiiiiuiii luse size ioi	Short-circuit protection in (go)	10kA	Α	20
		15kA	Α	20
		25kA	Α	20
Rated short time curre	nt Icw	<u> </u>		
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	20
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	A	6
Datad aparational nav	or in AC	660/690V	Α	1.5
Rated operational pow	Three-phase AC-3			
	Tillee-pilase AC-3	220/230V	kW	3.7
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3			
	3 1	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
Dated aparational access	ant in DC	380/440V	kW	3.5
Rated operational curre	HILIII DC			

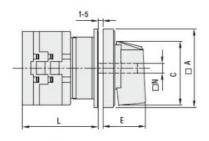
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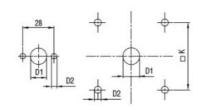
	D0044			
	DC21A	40\/	۸	20
		48V 60V	A	20 20
		110V	A A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	1101	,,	0.20
	2020/ ((poice in conce)	24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	Α	8 (4)
	DC13			, ,
		24V	Α	20
		48V	Α	16
		60V	Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for te	rminals 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		2	0.5
		min	mm²	0.5
Maritar Control		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data  Motor power for direct-o	on line control			
Motor power for direct-c	for three-phase motor			
	ioi tillee-pilase motol	120V	HP	1.5
			HP	3
		74111/		0
		240V 480V		
		480V	HP	5
	for single-phase motor			
	for single-phase motor	480V 600V	HP HP	5 5
	for single-phase motor	480V 600V 120V	HP HP HP	5 5 0.75
Ambient conditions	for single-phase motor	480V 600V	HP HP	5 5
Ambient conditions Temperature	for single-phase motor	480V 600V 120V	HP HP HP	5 5 0.75
		480V 600V 120V	HP HP HP	5 5 0.75
	for single-phase motor  Operating temperature	480V 600V 120V	HP HP HP	5 5 0.75
		480V 600V 120V 240V	HP HP HP HP	5 5 0.75 1.5
		480V 600V 120V 240V	HP HP HP	5 5 0.75 1.5
	Operating temperature	480V 600V 120V 240V	HP HP HP	5 5 0.75 1.5

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**ENERGY AND AUTOMATION** 

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

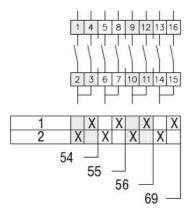




Drillings for 4 screws fixing (4V version).

Series -	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

## 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** 

EC001105 - Offload switch