**ENERGY AND AUTOMATION** 

## electric ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2, 1 POLE 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Draduat designation				Rotary cam
_				switches
				GF10
				107 - Multi-step
				0-1-2 1 pole
N° of elements				1
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	480
D ( 1) 1 20 (	1 6 12	UL/CSA	V	240
			kV	4
Conventional free air th	nermal current ith	IEC/EN	۸	10
		UL/CSA	A A	10 10
Rated operational volta	ane	ODCOA		480
Product type designation  General characteristics  Switching diagram  N° of elements  Mounting form  Contact characteristics Rated insulation voltage Ui  Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith  Rated operational voltage Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)  Rated short time current Icw  Conductivity  Operational current I e IEC/EN  AC1/AC21A  AC15  Rated operational power in AC  Three-phase AC-3  Single-phase AC-3  Three-phase AC23A  Rated operational current in DC  DC21A			kV	4
				<u>.                                    </u>
	, ,	10kA	Α	16
Rated short time currer	nt Icw			
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A			
	A 0.4.5		A	10
	AC15	110V	Α	<b>5</b>
		220/230V	A	5 3
		380/400V	A	2
Rated operational power	er in AC			
, ,				
	·	220/230V	kW	1.5
		380/440V	kW	2.2
	Single-phase AC-3			
		110V	kW	0.3
		220/230V	kW	0.55
	Three phase AC22A	380/440V	kW	0.75
	Three-phase AC23A	220/230V	kW	1.8
		380/440V	kW	3
	Single-phase AC23A	330,1101		
	0 - F	110V	kW	0.7
		220/230V	kW	0.75
		380/440V	kW	1.1
Rated operational curre				
	DC21A			
		48V	A	10
		60V 110V	A	7 2
		220V	A A	0.7

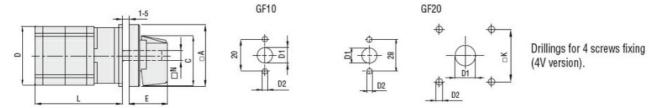
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		440V	Α	0.2
	DC13	1.01		0.2
		24V	Α	3
		48V	Α	3
		60V	Α	2
		110V	Α	1
		220V	Α	0.3
		440V	Α	0.1
Power dissipation			W	0.4
Mechanical features				
Terminals screw				2.5M
Tightening torque for to	erminals max		Nm	0.4
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable		2	
		min	mm²	0.5
Maritin Control		Max	mm²	1.5
Mechanical life			cycles	1x10 <sup>6</sup>
UL technical data	on line central			
Motor power for direct-				
	for three-phase motor	240V	HP	2
	for single-phase motor	240 V	ПЕ	
	for single-phase motor	240V	HP	0.75
Ambient conditions		240 V	1 11	0.73
Temperature				
Tomporataro	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	max		
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

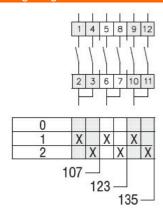
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Series	Dimensions						L Number of elements													
	□A	С	D	ØD1	ØD2	Е	□K	N	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	-	Ø5	40	52	64	76	88	100	112	124	-	-	-	-
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

#### 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

UL60947-4-1

Certificates

cULus

EAC

#### ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete