

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2, 2 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
•			switches
Product type designation General characteristics			GF20
Switching diagram			123 - Multi-step 0-1-2 2 poles
N° of elements			2
Mounting form			O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics Rated insulation voltage Ui			
Rated Insulation voltage of	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	IEC/EN UL/CSA	A A	20 15
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In	(gG) 10kA	Α	20
	15kA	Α	20
	25kA	Α	20
Rated short time current Icw	1s	kA	250
Conductivity	13	TO C	10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	20
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
Rated operational power in AC Three-phase AC-3			
	220/230V	kW	3
	380/440V	kW	5
Single-phase AC-3	440\/	1.1.1.7	0.5
	110V 220/230V	kW kW	0.5 1.5
	380/440V	kW	2
Three-phase AC23A	33071107	1000	
тот рот	220/230V	kW	4
	380/440V	kW	7.5
Single-phase AC23A			
	110V	kW	0.75
	220/230V	kW	2
Poted apprational aurrent in DC	380/440V	kW	2.5
Rated operational current in DC DC21A			
DOZTA	48V	Α	20

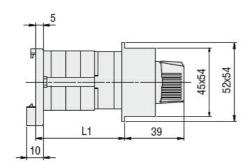


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		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for t	terminals max		Nm	0.5
Conductor size				
00.10.0.0.0.	AWG - Rigid cable			
	7.VVO Trigid dable	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	Wick	7,1110	12
	AVVO T TEXABLE GABIE	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVICA	700	12
	Conductor Size (IEC) - Flexible cable	min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) Digid coble	IVIdX	ШШ	2.5
	Conductor size (IEC) - Rigid cable	min	mm²	0 F
		min Max	mm²	0.5 2.5
Mechanical life		IVIdX		
UL technical data			cycles	1x10 ⁶
	t on line control			
Motor power for direct				
	for three-phase motor	0.40\/	LID	0
	for all all all and wanter	240V	HP	3
	for single-phase motor	0.4017	ш	4
A male to make a small till a ma		240V	HP	1
Ambient conditions				
Temperature	Out of the terms of			
	Operating temperature		2.2	0.5
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protecti	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

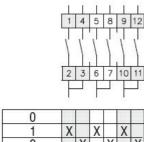
ENERGY AND AUTOMATION

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Series	L1			
	1	2	3	
GF20	40	53.5	67	

Wiring diagrams



1	X		X	-	X	
2		χ		Χ		Χ
	107					
	101	12	23			
				1	35	

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