

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2, 3 POLES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
Product type designation				switches GF20
General characteristics				GF20
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage Ui		IEC/EN	\ /	400
		UL/CSA	V V	480 240
Rated impulse withstand vo	Itage Uimp	OLIOOA	kV	4
Conventional free air therma			1. V	·
		IEC/EN	Α	20
		UL/CSA	Α	15
Rated operational voltage			V	480
Rated operational impulse	voltage		kV	4
Maximum fuse size for short	t-circuit protection In (gG)			
		10kA	Α	20
		15kA	A	20
Date d about time a comment les		25kA	Α	20
Rated short time current lov	V	1s	kA	250
Conductivity		13	N/A	10/5 mA/V
Operational current le IEC/I	EN .			10/0 11// 1
•	1/AC21A			
			Α	20
AC	15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
Rated operational power in				
Ihi	ree-phase AC-3	220/2201/	LANA	2
		220/230V 380/440V	kW kW	3 5
Sin	gle-phase AC-3	300/440 V	KVV	
Oiii	gic phase no o	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
Thi	ee-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
Sin	gle-phase AC23A	4401	1.147	0.75
		110V 220/230V	kW kW	0.75 2
		220/230V 380/440V	kW	2.5
Rated operational current in	, DC	300/440 V	IV V V	2.0
-	21A			
		48V	Α	20

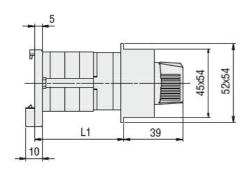


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		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for t	terminals max		Nm	0.5
Conductor 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 constitution of		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				

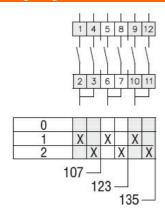
ENERGY AND AUTOMATION

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Carias	L1			
Series	1	2	3	
GF20	40	53.5	67	

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