

ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 20A, MODULAR SERVICE
COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Draduat designation				Rotary cam
Product designation				switches
Product type designat General characteristic				GF20
Switching diagram	5			84 - Multi-step 1- 2-3-4-5 1 pole
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage	je Ul	IEC/EN	V	480
		UL/CSA	V	240
Rated impulse withsta	nd voltage Uimp		kV	4
Conventional free air the	nermal current Ith			
		IEC/EN	A	20
Data d an arational walt		UL/CSA	A V	15 480
Rated operational voltage Rated operational imp	-		kV	480
	r short-circuit protection In (gG)		ΚV	
	(3-7)	10kA	Α	20
		15kA	Α	20
		25kA	Α	20
Rated short time curre	nt Icw	1s	kA	250
Conductivity		10	10.1	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
			Α	20
	AC15	4401/	Δ.	40
		110V 220/230V	A A	10 8
		380/400V	A	6
Rated operational pow	ver in AC	333, 1337	- , ,	
·	Three-phase AC-3			
		220/230V	kW	3
	·	380/440V	kW	5
	Single-phase AC-3	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A			
		220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A	44017	[-1.4.4	0.75
		110V 220/230V	kW kW	0.75 2
		380/440V	kW	2.5
Rated operational curr	ent in DC	000/110V		
•	DC21A			
		48V	Α	20

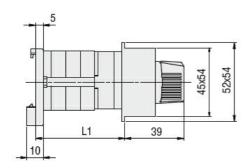


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		60V	Α	20
		110V	Α	4
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	6
		48V	Α	6
		60V	Α	3
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor 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			
	Contactor Size (IZG) Trigia cabic	min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1x10 ⁶
UL technical data			0,0.00	1,7.1.0
Motor power for direct-	on-line control			
motor power for all cot	for three-phase motor			
	Tor throo phace motor	240V	HP	3
	for single-phase motor	2101	• • •	
	Tor single phase motor	240V	HP	1
Ambient conditions		2101		
Temperature				
Tomporatoro	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	Παλ		100
	Otorage temperature	min	°C	-40
		min	°C	
Pocietanas & Protectio		max	U	+70
Resistance & Protection	лг <u></u> -			ID40
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

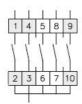
ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM



Carias	L1			
Series	1	2	3	
GF20	40	53.5	67	

Wiring diagrams



1	X				
2			Χ		
3					χ
4		Χ			
5				Χ	
				0 1	

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

GF2084O48