



ROTARY CAM SWITCH GF SERIES, MULTI-STEP 0-1-2-3-4-5, 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 designati				GF20
General characteristics	5			440 14 14
Switching diagram			110 - Multi-step 0-1-2-3-4-5 1 pole	
N° of elements				3
				O48 - Modular
Mounting form				service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	480
		UL/CSA	V	240
Rated impulse withstar	• •		kV	4
Conventional free air th	nermal current Ith			
		IEC/EN	Α	20
		UL/CSA	Α	15
Rated operational volta			V	480
Rated operational imp			kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	20
		15kA	Α	20
		25kA	Α	20
Rated short time curre	nt Icw			
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le				
	AC1/AC21A		_	
			A	20
	AC15	440)/		4.0
		110V	A	10
		220/230V	A	8
Data d aparational nov	ver in AC	380/400V	A	6
Rated operational pow				
	Three-phase AC-3	220/230V	LAAA	2
		380/440V	kW kW	3 5
	Single phase AC 2	30U/44U V	KVV	<u> </u>
	Single-phase AC-3	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
	Three-phase AC23A	300/440 V	K V V	
	Tillee-pilase AO23A	220/230V	kW	4
		380/440V	kW	7.5
	Single-phase AC23A	300/4401	17.4.4	7.0
	Olligio priado AOZOA	110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr	ent in DC	330/ 1 10 V		
and a specialism out	DC21A			





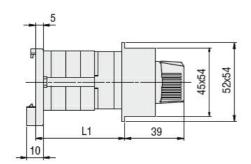
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					10710 111111
		48V	Α	20	
		60V	A	20	
		110V	A	4	
		220V	A	0.7	
		440V	A	0.2	
	DC13	4401		0.2	
	DC13	24V	Α	6	
		48V	A	6	
		60V	A	3	
		110V	A	1	
		220V	A	0.4	
		440V	A	0.15	
Power dissipation		4401	W	0.8	
Mechanical features			V V	0.0	
Terminals screw				M3	
Tightening torque for	erminals max		Nm	0.5	
Conductor size	Ommidio max		1 4111	0.5	
Conductor Size	AWG - Rigid cable				
	AWG - Rigid Cable	min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable	IVIAX	AVVG	12	
	AVVG - Flexible Cable	min	AWG	20	
		min Max	AWG	20 12	
	Conductor size (IEC) Flevible coble	IVIAX	AWG	12	
	Conductor size (IEC) - Flexible cable	min	mama ²	0.5	
		min Max	mm² mm²	0.5 2.5	
	Conductor size (IEC) Bigid coble	IVIAX		2.5	
	Conductor size (IEC) - Rigid cable	min	mm²	0.5	
		Max	mm²	2.5	
Mechanical life		IVIAA		1x10 ⁶	
UL technical data			cycles	1210	
Motor power for direct	t on line control				
Motor power for direct	for three-phase motor				
	ioi tillee-pilase motol	240V	HP	3	
	for single-phase motor	240 V		3	
	ioi single-phase motor	240V	HP	1	
Ambient conditions		240 V	ПЕ	ı	
Temperature					
remperature	Operating temperature				
	Operating temperature	min	°C	-25	
			°C	-25 +55	
	Storage temperature	max		+55	
	Storage temperature	min	°C	-40	
		min	°C		
Resistance & Protect	ion	max	U	+70	
	OII			IP40	
Frontal IP degree					
Terminals IP degree				IP20	
Dimensions					



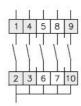
ENERGY AND AUTOMATION

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Series	L1			
	1	2	3	
GF20	40	53.5	67	

Wiring diagrams



0					
1	X				
2			Χ		
3		1: 0			X
4		X			
5				Χ	
			110	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