

## ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, MODULAR SERVICE COVER FOR 35MM DIN REAL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM



Product designation			Rotary cam switches
Product type designation			GF20
General characteristics			
Switching diagram			90 - ON/OFF
N° of elements			switch 1 pole 1
N of elements			O48 - Modular
Mounting form			service cover for 35mm din rail mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	480
Date discovering with story discrete made library	UL/CSA	V	240
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		kV	4
Conventional free all thermal current fin	IEC/EN	Α	20
	UL/CSA	A	15
Rated operational voltage	02/00/1	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 lcw			
Out Lord #	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	20
AC15			20
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	6
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	3
0	380/440V	kW	5
Single-phase AC-3	440\/	J.\^ <i>I</i>	0.5
	110V 220/230V	kW kW	0.5 1.5
	380/440V	kW	2
Three-phase AC23A	300, FTO V	11.4.4	_
	220/230V	kW	4



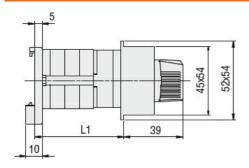
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		380/440V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	A	0.7
	B010	440V	Α	0.2
	DC13	0.07		•
		24V	A	6
		48V	A	6
		60V	A	3
		110V	A	1
		220V	A	0.4
Dames Profess		440V	Α	0.15
Power dissipation			W	0.8
Mechanical features				1.40
Terminals screw			NI	M3
Tightening torque for t	erminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
	0 1 (150) 51 111	Max	AWG	12
	Conductor size (IEC) - Flexible cable		2	2.5
		min	mm²	0.5
	O I (1 /150)   B'. : I I. I.	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			0.5
		min	mm²	0.5
NA L L. P.C.		Max	mm²	2.5
Mechanical life			cycles	1x10 <sup>6</sup>
UL technical data	on line control			
Motor power for direct				
	for three-phase motor	0.4017	LID	2
	for single whose weeks	240V	HP	3
	for single-phase motor	0.4017	1.10	4
A malai a materia manaditi a mana		240V	HP	1
Ambient conditions				
Temperature	On another town and the			
	Operating temperature		۰.	25
		min	°C	-25
	Character to the man a water to	max	°C	+55
	Storage temperature		۰.	40
		min	°C	-40 - 70
Dogistones & Brotonti		max	°C	+70
Resistance & Protection	On			ID40
Frontal IP degree				
Terminals IP degree				IP40 IP20



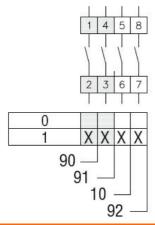
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## Dimensions



Series	L1			
	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