

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM



Product designation				Rotary cam
-				switches
Product type designation General characteristics				GF20
				90 - ON/OFF
Switching diagram				switch 1 pole
N° of elements				1
Mounting form				U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics				
Rated insulation voltage Ui		150/51		400
		IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		UL/CSA	kV	4
Conventional free air thermal current l			IX 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-circuit pr	otection In (gG)			
		10kA	Α	20
		15kA	Α	20
Dated about time a comment law.		25kA	A	20
Rated short time current Icw		1s	kA	250
Conductivity		15	KA	10/5 mA/V
Operational current le IEC/EN				10/0 111/4 V
AC1/AC21A				
			Α	20
AC15				
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	6
Rated operational power in AC	400			
Three-phase	AC-3	220/2201/	LAAZ	2
		220/230V 380/440V	kW kW	3 5
Single-phase	AC-3	300/440 V	KVV	
emgie phaee	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110V	kW	0.5
		220/230V	kW	1.5
		380/440V	kW	2
Three-phase	AC23A	220/230V	kW	4





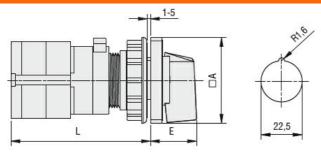
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		380/440V	kW	7.5
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	2
		380/440V	kW	2.5
Rated operational curr				
	DC21A			
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	A	0.7
	B010	440V	Α	0.2
	DC13	0.07		•
		24V	A	6
		48V	A	6
		60V	A	3
		110V	A	1
		220V	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 ⁶
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 malain material management		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

ENERGY AND AUTOMATION

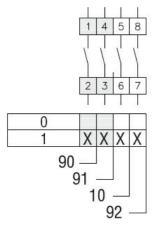
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Dimensions



Series	Dimensions		L			
	□A	Е	1	2	3	8
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

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