



ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3, 3 POLES 10A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 30X30MM

Due du et de signetie e			Rotary cam
Product designation			switches
Product type designation			GF10
General characteristics			93 - Multi-step 1-
Switching diagram			2-3 3 poles
N° of elements			5
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			
Rated insulation voltage Ui	IEO/EN		400
	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp	UL/CSA	kV	4
Conventional free air thermal current Ith		ic v	
	IEC/EN	Α	10
	UL/CSA	Α	10
Rated operational voltage		V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	16
Rated short time current Icw			0.00
One desertion in	1s	Α	250
Operational current le IEC/EN			10/5 mA/V
AC1/AC21A			
7.0 1/7.02 17.		Α	10
AC15			
	110V	Α	5
	220/230V	Α	3
	380/400V	Α	2
Rated operational power in AC			
Three-phase AC-3	000/000		
	220/230V	kW	1.5
Single-phase AC-3	380/440V	kW	2.2
Single-phase AC-3	110V	kW	0.3
	220/230V	kW	0.55
	380/440V	kW	0.75
Three-phase AC23A			
	220/230V	kW	1.8
	380/440V	kW	3
Single-phase AC23A			
	110V	kW	0.7
	220/230V 380/440V	kW kW	0.75 1.1
Rated operational current in DC	300/4407	r v v	1.1
DC21A			
552	48V	Α	10
	60V	Α	7



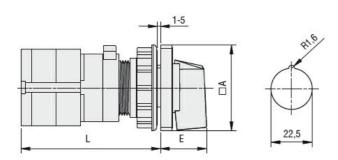


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		110V	Α	2
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	3
		48V	Α	3
		60V	Α	2
		110V	Α	1
		220V	Α	0.3
		440V	A	0.1
Dower dissinction		440 V	W	0.4
Power dissipation			VV	0.4
Mechanical features				0.714
Terminals screw				2.5M
Tightening torque for te	erminals max		Nm	0.4
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	THE TIONIDIO GADIO	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) Flevible coble	IVIAX	AVVO	
	Conductor size (IEC) - Flexible cable		2	0.5
		min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	1.5
Mechanical life			cycles	1x10 <sup>6</sup>
UL technical data				
Motor power for direct-	-on-line control			
'	for three-phase motor			
	ioi anos prass motor	240V	HP	2
	for single-phase motor	240 V	- ' ''	
	ioi single-phase motor	240V	HP	0.75
Analainet ann ditiona		240 V	ПР	0.75
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature		·	
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
				IP20
Terminals IP degree  Dimensions				IP20

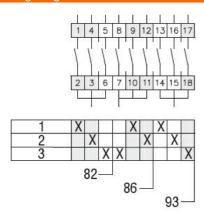
**ENERGY AND AUTOMATION** 

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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