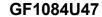




ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4-5, 1 POLE 10A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 30X30MM

Product designation			Rotary cam
			switches
Product type designation  General characteristics			GF10
Switching diagram			84 - Multi-step 1- 2-3-4-5 1 pole
N° of elements			3
Mounting form			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Contact characteristics			Ţ.
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	480 240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith	. <b>.</b>	_	4.0
	IEC/EN	A	10
Rated operational voltage	UL/CSA	A V	10 480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	<del></del>
maximum rass size for short should protostion in (gs)	10kA	Α	16
Rated short time current Icw	-		
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		_	
AO45		Α	10
AC15	110V	Α	5
	220/230V	A	3
	380/400V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	1.5
	380/440V	kW	2.2
Single-phase AC-3			
	110V	kW	0.3
	220/230V 380/440V	kW kW	0.55
Three-phase AC23A	360/440 V	KVV	0.75
Tillee-pilase A020A	220/230V	kW	1.8
	380/440V	kW	3
Single-phase AC23A		<u> </u>	
<b>.</b>	110V	kW	0.7
	220/230V	kW	0.75
	380/440V	kW	1.1
Rated operational current in DC			
DC21A	4017	Α.	40
	48V	A	10
	60V	Α	7



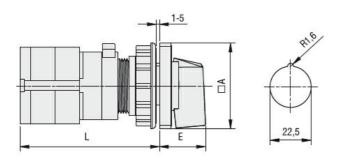


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		110V	Α	2
		220V	Α	0.7
		440V	Α	0.2
	DC13			
		24V	Α	3
		48V	Α	3
		60V	Α	2
		110V	Α	1
		220V	Α	0.3
		440V	Α	0.1
Power dissipation			W	0.4
Mechanical features				
Terminals screw				2.5M
Tightening torque for t	erminals max		Nm	0.4
Conductor size	ommaio max			0.1
Conductor Size	AWG - Rigid cable			
	AVVG - Kigid Cable	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable	IVIAX	AVVG	14
	AWG - Flexible cable		414/0	00
		min	AWG	20
	0 1 1 (150) 51 11 11	Max	AWG	14
	Conductor size (IEC) - Flexible cable	_		_
		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			
	·	240V	HP	2
	for single-phase motor			
	3 7 7 111	240V	HP	0.75
Ambient conditions				
Temperature				
Tomporataro	Operating temperature			
	Operating temperature	min	°C	-25
		max	°C	-25 +55
	Storage temperature	шах		FUU
	Storage temperature	mai	°C	40
		min		-40 - 70
Danistana - O Durberti		max	°C	+70
Resistance & Protecti	on			ID 40
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

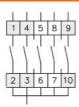


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Series	Dimensions		L				
	□A	Е	1	2	3	8	
GF10	30	18.5	60	72	84	144	
GF20	48	26.5	56	69.5	83	150.5	

## Wiring diagrams



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

## 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