

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



Product type designation GF10	Product designation			Rotary cam
Semeral characteristics	•			
Switching daigram switch 2 poles N° of elements 1 Mounting form U47 - Snap on from mounting with black handle for hole diam. 22mm finxing Contact characteristics Rated insulation voltage Ui IEC/EN V 480 Conventional free air thermal current lth IEC/EN A 10 Conventional free air thermal current lth IEC/EN A 10 Rated operational voltage V 480 Rated operational impulse voltage V 480 Maximum fuse size for short-circuit protection ln (gG) 10kA A 16 Rated short time current lcw 1s A 250 Conductivity 10/5 mA/V Operational current le IEC/EN A 10 10 AC1/AC21A A 10 AC15 110V A 5 220/230V A 3 3 380/40V A 2 3 380/40V A 2 Rated operational power in AC Three-phase AC-3 Three-phase AC-3 220/230V KW 2.2 Single-phase AC-3 110V KW 0.3 Three-phase AC3A 220/230V KW 0.55 Three-phase AC3A 220/230V KW 0.55 Three-phase AC23A 220/230V KW 0.55 Three-ph				3 1 10
N° of elements	Switching diagram			
Mounting form from mounting with black handle for hole diam. 22mm finxing Contact characteristics Exacted insulation voltage Ui IEC/EN V 480 UL/CSA V 240 Rated impulse withstand voltage Uimp kV 4 4 Conventional free air thermal current Ith IEC/EN A 10 UL/CSA A 16 UL/CSA A 10 UL/CSA A 16 UL/CSA U	N° of elements			
Rated insulation voltage Ui				fron mounting with black handle for hole diam.
IEC/EN V 480 UI/CSA V 240				
Conventional free air thermal current lith				
Single-phase AC-3 IEC/EN			kV	4
Rated operational impulse voltage Rated operational impulse voltage Rated short time current lcw 10kA A 16	Conventional free air thermal current Ith			
Maximum fuse size for short-circuit protection In (gG)	Rated operational voltage		V	480
Three-phase AC-3 Three-phase	Rated operational impulse voltage		kV	4
Three-phase AC23A Security	Maximum fuse size for short-circuit protection In (gG)	10kA	А	16
Conductivity	Rated short time current lcw	1s	А	250
AC1/AC21A AC15 110V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 0.55 380/440V kW 0.75	Conductivity			
A 10 AC15 110V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 0.55 380/440V kW 0.75	Operational current le IEC/EN			
110V A 5 220/230V A 3 380/400V A 2 2 2 2 2 2 2 2 2	AC1/AC21A		Α	10
Rated operational power in AC Three-phase AC-3	AC15			
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 kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3			Α	5
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 kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3				
Three-phase AC-3 220/230V kW 1.5 380/440V 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	Data description of recovering AC	380/400V	A	2
220/230V kW 1.5 380/440V 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	·			
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	Three-phase AC-3	220/2301/	k\//	15
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				
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 AC-3	333, 34		
380/440V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3		110V	kW	0.3
Three-phase AC23A 220/230V kW 1.8 380/440V kW 3				
220/230V kW 1.8 380/440V kW 3		380/440V	kW	0.75
	Three-phase AC23A	000/000	1387	4.0
	Single-phase AC23A	300/4407	KVV	3



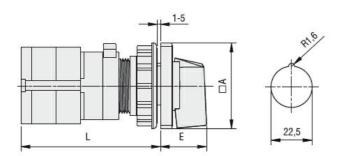


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		110V	kW	0.7
		220/230V	kW	0.75
		380/440V	kW	1.1
Rated operational cu	urrent in DC			
	DC21A			
		48V	Α	10
		60V	Α	7
		110V	Α	2
		220V	Α	0.7
		440V	Α	0.2
	DC13			
	20.0	24V	Α	3
		48V	A	3
		60V	A	2
		110V	A	1
		220V		
			A	0.3
D P ' C		440V	A	0.1
Power dissipation			W	0.4
Mechanical features				O 5M
Terminals screw			N.I	2.5M
Tightening torque fo	r terminals max		Nm	0.4
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	, ,	min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable			
	Conductor size (IEO) Trigia dubic	min	mm²	0.5
		Max	mm²	1.5
Mechanical life		IVICA	cycles	1x10 ⁶
UL technical data			Cycles	12.10
Motor power for dire	et en line control			
wotor power for dire				
	for three-phase motor	0.40\/	LID	0
		240V	HP	2
	for single-phase motor			
		240V	HP	0.75
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protect	ction			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

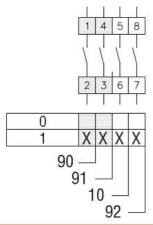
ENERGY AND AUTOMATION

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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