



Product designation			Rotary cam
			switches GF10
Product type designation General characteristics			GFIU
			10 - ON/OFF
Switching diagram			switch 3 poles
N° of elements			2
			U - Front
Mounting form			mounting with
Contact characteristics			black handle
Rated insulation voltage Ui			
	IEC/EN	V	480
	UL/CSA	v	240
Rated impulse withstand voltage Uimp		kV	4
Conventional free air thermal current Ith			
	IEC/EN	А	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)			10
Rated short time current Icw	10kA	A	16
Rated short time current icw	1s	А	250
Conductivity	13		10/5 mA/V
Operational current le IEC/EN			10/0 11/0 0
AC1/AC21A			
		А	10
AC15			
	110V	А	5
	220/230V	А	3
	380/400V	A	2
Rated operational power in AC			
Three-phase AC-3	220/230V	L\\/	1 5
	380/440V	kW kW	1.5 2.2
Single-phase AC-3	300/440 V	N V V	2.2
	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			0.7
	110V	kW	0.7
	220/230V	kW	0.75

GF1010U

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

OVE ENERGY AND AUTOMATION

**GF1010U** electric ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 3 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

		380/440V	kW	1.1
Rated operational cur				
	DC21A			
		48V	А	10
		60V	А	7
		110V	А	2
		220V	А	0.7
		440V	А	0.2
	DC13			
		24V	А	3
		48V	А	3
		60V	А	2
		110V	А	1
		220V	А	0.3
		440V	А	0.1
Power dissipation			W	0.4
Mechanical features				
Terminals screw				2.5M
Tightening torque for	terminals max		Nm	0.4
Conductor size				
	AWG - Rigid cable			
	5	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable	111001		
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	IVIAX	AWO	17
		min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) Digid coble	IVIAX		1.0
	Conductor size (IEC) - Rigid cable	min	mm2	0.5
		min	mm²	0.5
		Max	mm²	1.5
Mechanical life			cycles	1x10⁰
UL technical data				
Motor power for direc				
	for three-phase motor			_
		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	ion			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

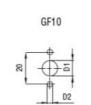
GF1010U



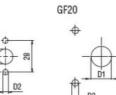
## **GF1010U** electric ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 3 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

ENERGY AND AUTOMATION

c



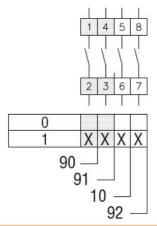
R



Drillings for 4 screws fixing (4V version).

Series Dimensions					L Number of elements															
Series	□A	С	D	ØD1	ØD2	E	□K	Ν	1	2	3	4	5	6	7	8	9	10	11	12
GF10	30	24	29	9	3.2	18.5	-	Ø5	40	52	64	76	88	100	112	124	-	-	:	-
GF20	48	39.5	36	12	5	26.5	36	□6	44	57.5	71	84.5	98	111.5	125	138.5	152	165.5	179	192.5

## 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		
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete

GF1010U