



			Rotary cam
Product designation			switches
Product type designation			GF10
General characteristics			
Switching diagram			90 - ON/OFF switch 1 pole
N° of elements			1
			U - Front
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui		.,	100
	IEC/EN UL/CSA	V V	480
Rated impulse withstand voltage Uimp	UL/CSA	kV	240 4
Conventional free air thermal current lth		κv	4
	IEC/EN	А	10
	UL/CSA	A	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			
	1s	A	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		А	10
AC15		7.	10
	110V	А	5
	220/230V	А	3
	380/400V	А	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	kW	0.55
	380/440V	kW	0.75
Three-phase AC23A	000, 110 V		
	220/230V	kW	1.8
	380/440V	kW	3
Single-phase AC23A			
	110V	kW	0.7
	220/230V	kW	0.75

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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



**GF1090U** ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

	380/440V	kW	1.1
DC21A			
			10
			7
			2
		А	0.7
	440V	Α	0.2
DC13			
		А	3
		Α	3
		Α	2
	110V	Α	1
	220V	Α	0.3
	440V	Α	0.1
		W	0.4
			2.5M
erminals max		Nm	0.4
AWG - Rigid cable			
5	min	AWG	20
	Max	AWG	14
AWG - Flexible cable			
	min	AWG	20
			14
Conductor size (IEC) - Flexible cable			
	min	mm²	0.5
			1.5
Conductor size (IEC) - Rigid cable			
	min	mm²	0.5
			1.5
	Max		1x10 <sup>6</sup>
		0yolco	
-on-line control			
lor linee-phase motor	240\/	ΗР	2
for single-phase motor	240 V	1 11	2
tor single-phase motor	240\/	ЦD	0.75
	240 V		0.75
Operating temperature			
	<b>~</b> :-	°C	25
			-25
Storogo tomporoturo	max	U	+55
Sionage temperature	· • •	° <b>^</b>	40
			-40
	max	-C	+70
on			
			IP40
			IP20
	rent in DC DC21A DC13 DC13 DC13 erminals max AWG - Rigid cable AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable con-line control for single-phase motor for single-phase motor for single-phase motor	rent in DC DC21A 48V 60V 220V 440V DC13 24V 48V 60V 110V 220V 440V 20V 20V 20V 20V 20V 20V 20V 20V 20V 2	rent in DC DC21A 48V A 60V A 110V A 220V A 440V A DC13 24V A 48V A 60V A 110V A 220V A 48V A 60V A 110V A 220V A 440V A W reminals max Nm AWG - Rigid cable min AWG Max AWG AWG - Flexible cable min AWG Max AWG Conductor size (IEC) - Flexible cable min mm² Max mm² Conductor size (IEC) - Rigid cable min m² Max m² Conductor size (IEC) - Rigid cable min m² Max m² Max m² Conductor size (IEC) - Rigid cable min m² Max m² Conductor size (IEC) - Rigid cable min m² Max m² Conductor size (IEC) - Rigid cable min m² Conductor size (IE

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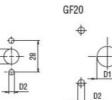
## **GF1090U** ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

ENERGY AND AUTOMATION

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# GF10 5 D2

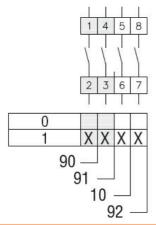
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Drillings for 4 screws fixing (4V version).

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