

ENERGY AND AUTOMATION



Product designation			Rotary cam
			switches
Product type designation General characteristics			GF10
			92 - ON/OFF
Switching diagram			switch 4 poles
N° of elements			2
			U - Front
Mounting form			mounting with black handle
Contact characteristics			DIACK HARIUIE
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	A	10
Detect or another also the sec	UL/CSA	A V	10
Rated operational voltage Rated operational impulse voltage		kV	480
Maximum fuse size for short-circuit protection In (gG)		KV	4
Waximum ruse size for short circuit protection in (go)	10kA	Α	16
Rated short time current Icw			
	1s	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
A 0.4.5		Α	10
AC15	110V	Α	5
	220/230V	A	3
	380/400V	A	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	1.5
	380/440V	kW	2.2
Single-phase AC-3	440)/		0.0
	110V 220/230V	kW kW	0.3
	380/440V	kW	0.55 0.75
Three-phase AC23A	300/440 V	IVVV	0.10
55 p.1855 7.5257.	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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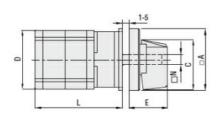
electric ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 4 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

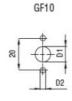
		380/440V	kW	1.1
Rated operational cur				
	DC21A			
		48V	Α	10
		60V	Α	7
		110V	A	2
		220V	A	0.7
	D040	440V	Α	0.2
	DC13	0.07	•	•
		24V	A	3
		48V	Α	3
		60V	Α	2
		110V	Α	1
		220V	Α	0.3
		440V	A	0.1
Power dissipation			W	0.4
Mechanical features				
Terminals screw				2.5M
Tightening torque for t	terminals 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			
	, ,	min	mm²	0.5
		Max	mm²	1.5
Mechanical life			cycles	1x10 ⁶
UL technical data			.,	
Motor power for direct	t-on-line control			
'	for three-phase motor			
	то инто римоо инто	240V	HP	2
	for single-phase motor			
	ioi oiligio pridoo illoto.	240V	HP	0.75
Ambient conditions) <u>.</u>
Temperature				
· Jinporatoro	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	шах		100
	Otorage temperature	min	°C	-40
		min	°C	-40 +70
Posistanas & Protecti	ion	max	U	+/U
Resistance & Protect	1011			ID40
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

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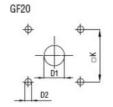
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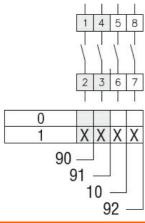




Drillings for 4 screws fixing (4V version).

Corios	Dimensions						L Number of elements													
Series	□A	С	D	ØD1	ØD2	Е	□K	N	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

ETIM 8.0

EC001029 -Selector switch, complete