

GF1094U ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4, 3 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Induct basignation Switches Product type designation GF10 General characteristics 94 - Multi step 1- 2.3-4.3 poles Switching diagram 2.3-4.3 poles N° of elements 6 Mounting form U - Front mounting with black handle Contract characteristics UU/CSA Rated inpulse withstand voltage Uimp KV Rated inpulse withstand voltage Uimp KV Rated operational free air thermal current Ith IEC/EN Rated operational voltage KV Rated operational impulse voltage KV Rated operational voltage KV Rated operational impulse voltage KV Rated operational impulse voltage KV Rated operational impulse voltage KV A 10 Rated operational impulse voltage KV A 10/KA Rated operational woltage KV A 10 A 10 AC1/AC21A 10/K A 10 AC1/AC21A 10/X <tr< th=""><th>Product designation</th><th></th><th></th><th></th><th>Rotary cam</th></tr<>	Product designation				Rotary cam		
General characteristics 94 Multi-step 1- 2-3-4 3 poles Switching diagram 2-3-4 3 poles 96 N° of elements 6 0 Mounting form U-Front mounting with black handle 0 Contract characteristics 1 1 Rated insulation voltage Uimp KV 4 Conventional free air thermal current Ith 1 1 IEC/EN X 4 10 Rated operational impulse voltage KV 4 10 Rated operational impulse voltage KV 4 16 Rated operational impulse voltage KV 4 16 Rated short time current Icw 1 16 16 Conductivity 10KA 16 16 Conductivity 10/5 mA/V 10/5 mA/V 10 Operational current Icw 1 16 10 10 AC15 110V A 5 220/230V X 3 Single-phase AC-3 100V KW 2.2 380/440V	-	on					
Switching diagram 94 - Multi-step 1 N° of elements 6 Mounting form mounting with black handle Sector Characteristics mounting with black handle Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uimp kV 4 Conventional free air thermal current Ith IEC/EN A 10 Rated operational impulse voltage kV 4 4 Rated operational impulse voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 16 Rated operational current Icw 15 kA 250 Conductivity 10/5 mA/V 0perational current Icw 10/5 mA/V Querational current IcCEN 380/400V A 1 AC15 110V A 5 220/230V A 3 Rated operational power in AC 220/230V KW 1.5 380/440V KW 2.2 Single-phase AC-3 110V KW 3.5 380/440V KW							
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UL/CSA V 240 Rated inpulse withstand voltage Uimp kV 4 Conventional free air thermal current Ith IEC/EN A 10 Rated operational voltage V 480 A 10 Rated operational voltage V 480 A 10 Rated operational impulse voltage kV 4 A A Rated short time current low 10kA A 16 Rated short time current low 1s kA 250 Conductivity 1s kA 250 Conductivity 1s kA 250 Conductivity 1s kA 250 Conductivity 10/5 mA/V Operational current le IEC/EN A 10 AC11/AC21A A 10 5 220/230V A 3 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 0.55 380/440V <td>Rated insulation voltag</td> <td>e Ui</td> <td></td> <td></td> <td></td>	Rated insulation voltag	e Ui					
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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 110V kW 0.7 220/230V kW 0.7 220/230V kW 0.75 Single-phase AC23A 110V kW 0.7 220/230V kW 0.75 380/440V kW 0.7 220/230V kW 0.75 380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2 2 2 2 2 2 2		Single-phase AC-3	360/440 V	KVV	Ζ.Ζ		
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380/440V kW 0.75 Three-phase AC23A 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 0.75 380/440V kW 0.75 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2 20/230V A 7							
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380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2							
Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2							
DC21A 48V A 10 60V A 7 110V A 2	Rated operational curre	ent in DC	000/440 0				
48V A 10 60V A 7 110V A 2							
60V A 7 110V A 2			48V	А	10		
			60V				
220V A 0.7							
			220V	А	0.7		

GF1094U

GF1094U

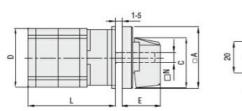


ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4, 3 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

		440V	Α	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	r terminals max		Nm	0.4
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable	IVICA	ANO	17
	AWG - Tiexible Cable	min	AWG	20
			AWG	
	Conductor size (IEC) Elevible coble	Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	o -
		min	mm²	0.5
		Max	mm²	1.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	1.5
Mechanical life			cycles	1x10⁰
UL technical data				
Motor power for dire	ct-on-line control			
	for three-phase motor			
		240V	HP	2
	for single-phase motor			
		240V	HP	0.75
Ambient conditions				
Temperature				
. emperatoro	Operating temperature			
	oporaling temperature	min	°C	-25
			°C	-25 +55
	Storogo tomporoturo	max	U	тJJ
	Storage temperature		°C	-40
		min		
		max	°C	+70
Resistance & Protec				10.40
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				



GF1094U ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4, 3 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

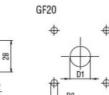




GF10

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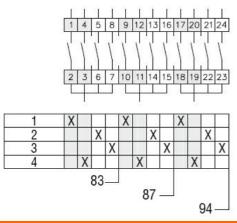
D2



Drillings for 4 screws fixing (4V version).

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