

GF1086U ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3, 2 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Product designation			Rotary cam
Product type designation			switches GF10
General characteristics			
Switching diagram			86 - Multi-step 1- 2-3 2 poles
N° of elements			3
Mounting form			U - Front mounting with black handle
Contact characteristics			
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		٨	10
	IEC/EN UL/CSA	A A	10 10
Rated operational voltage	01/03A	 V	480
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	16
Rated short time current Icw			
	1s	Α	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			4.0
AC15		A	10
AC15	110V	А	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			
	110V	kW	0.3
	220/230V	kW	0.55
Three-phase AC23A	380/440V	kW	0.75
Thee-phase A025A	220/230V	kW	1.8
	380/440V	kW	3
Single-phase AC23A			
	110V	kW	0.7
	220/230V	kW	0.75
	380/440V	kW	1.1
Rated operational current in DC			
DC21A			10
	48V	A	10
	60V 110V	A A	7 2
	220V	A	2 0.7
	2201	~	5.7

GF1086U

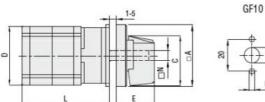


GF1086U ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3, 2 POLES 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

DC13 $24V$ A3 $48V$ A3 $60V$ A2 $110V$ A1 $220V$ A0.3 $440V$ A0.1Power dissipationW0.4Mechanical features2.5MTightening torque for terminals maxNm0.4Conductor sizeAWG - Rigid cableminAWG - Rigid cableminAWG 20MaxAWG 20MaxAWG - Flexible cableminMWG 20MaxMWG 20MaxMaxMWG 14Conductor size (IEC) - Flexible cableminMaxmm² 0.5Maxmm² 1.5Conductor size (IEC) - Flexible cableminminmm² 1.5Conductor size (IEC) - Rigid cableminminmm² 2.5Maxmm² 2.5Maxmm² 2.5Maxmm² 2.5Motor power for direct-on-line controlminfor three-phase motor240VHP2Temperaturemax <th></th> <th></th> <th></th> <th></th> <th></th>					
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$\begin{array}{c c c c c c } 110V & A & 1\\ 220V & A & 0.1\\ 220V & A & 0.1\\ 440V & 0.4\\ \hline 440V & 0.4\\ \hline 440V & 0.4\\ \hline 840V & 0.5\\ \hline 840V & 0$			48V	Α	3
$\begin{array}{c c c c c c c } 220 & A & 0.3 \\ 440 & A & 0.1 \\ \hline Power dissipation & W & 0.4 \\ \hline Mechanical features & & & & & & & & & & & & & \\ \hline Terminals screw & & & & & & & & & & & & & & & & & \\ \hline Terminals screw & & & & & & & & & & & & & & & & & & &$			60V	А	2
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Power dissipation W 0.4 Mechanical features 2.5M Terminals screw 2.5M Conductor size Nm 0.4 AWG - Rigid cable nin AWG 20 Max AWG 14 AWG 14 AWG - Flexible cable nin AWG 20 Max AWG 14 AWG 14 AWG - Flexible cable nin AWG 14 AWG - Flexible cable nin mm² 0.5 Max AWG 14 14 Conductor size (IEC) - Flexible cable nin mm² 1.5 Conductor size (IEC) - Rigid cable nin mm² 1.5 Motor power for direct-on-line control mm² 1.5 1.5 Motor power for direct-on-line control for single-phase motor 240V HP 2 for single-phase motor 240V HP 0.75 1.5 1.5 1.5 Storage temperature nin °C -25			220V	А	0.3
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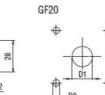
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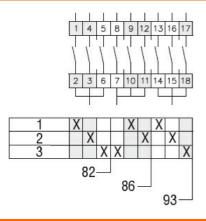
D2



Drillings for 4 screws fixing (4V version).

Dimensions				L Number of elements																
Series	□A	С	D	ØD1	ØD2	Е	ΠK	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

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