



ROTARY CAM SWITCH GF SERIES, MULTI-STEP 1-2-3-4-5-6, 1 POLE 10A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 30X30MM

Product possignation Service S	Dock of the boother			Rotary cam
Switching diagram St Multi-step 1	Product designation			switches
Switching diagram Section Sect				GF10
Switching diagrams 2-3-4-6 1 pole N° of elements 3 1 1 1 1 1 1 1 1 1				85 - Multi-sten 1-
Mounting form	Switching diagram			
Mounting form Mounting with black handle Mounting with black handle Mounting with black handle Mounting with stand voltage Uir Mounting with stand voltage Mounting with stand with stand voltage Mounting with stand with	N° of elements			3
Contact characteristics	Manustin in famou			
Rated insulation voltage Ui	Mounting form			
IEC/EN V 480 UI/CSA V 240 Rated impulse withstand voltage Ulimp kV 4 4 Conventional free air thermal current lth IEC/EN A 10 UI/CSA U	Contact characteristics			
Rated impulse withstand voltage Uimp	Rated insulation voltage Ui			
Rated impulse withstand voltage Uimp				
Conventional free air thermal current lith		UL/CSA		
IEC/EN			kV	4
Rated operational voltage	Conventional free air thermal current ith	IEC/EN	٨	10
Rated operational voltage				
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG) 10kA	Rated operational voltage	02,00,1		
Rated short time current lcw			kV	4
Rated short time current lcw	Maximum fuse size for short-circuit protection In (gG)			
Three-phase AC23A Thre		10kA	Α	16
Conductivity	Rated short time current Icw		_	
AC1/AC21A	One describite	1s	Α	
AC1/AC21A AC15 110V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC-3 110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 220/230V kW 0.75 Three-phase AC23A 110V kW 0.75 380/440V kW 0.75 Three-phase AC23A 110V kW 0.75 380/440V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.75 220/230V kW 0.75 380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2	•			10/5 mA/V
A 10 AC15 110V A 5 220/230V A 3 380/400V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 110V kW 0.3 220/230V 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 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.75 Three-phase AC23A 110V 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 1.1 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2	·			
AC15 110V	No invoz inv		Α	10
Rated operational power in AC Three-phase AC-3 220/230V kW 1.5 380/440V kW 2.2	AC15			
Rated operational power in AC		110V	Α	5
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 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 2110V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.7 220/230V kW 1.8 380/440V kW 1.8 380/440V kW 1.1 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2				
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 220/230V kW 1.8 380/440V kW 3 Single-phase AC23A 110V kW 0.75 Three-phase AC23A 110V kW 0.75 220/230V 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 48V A 10 60V A 7 110V A 2		380/400V	Α	2
220/230V kW 1.5 380/440V kW 2.2	· · · · ·			
380/440V kW 2.2	Three-phase AC-3	220/230\/	k\/\	1 5
Single-phase AC-3				
110V kW 0.3 220/230V kW 0.55 380/440V kW 0.75	Single-phase AC-3			
380/440V kW 0.75		110V	kW	0.3
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 1.1 Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2				
220/230V	Thursday A Occa	380/440V	kW	0.75
Single-phase AC23A 110V kW 0.7	Inree-phase AC23A	220/220\/	L\\/	1 0
Single-phase AC23A				
110V kW 0.7	Single-phase AC23A	300/1101		
Rated operational current in DC DC21A 48V A 10 60V A 7 110V A 2		110V	kW	0.7
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		380/440V	kW	1.1
48V A 10 60V A 7 110V A 2	·			
60V A 7 110V A 2	DC21A	10\/	٨	10
110V A 2				





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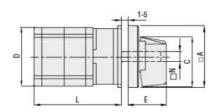
		440V	Α	0.2
	DC13	770 V		0.2
	5010	24V	Α	3
		48V	Α	3
		60V	A	2
		110V	Α	1
		220V	Α	0.3
		440V	A	0.1
Power dissipation			W	0.4
Mechanical features				.
Terminals screw				2.5M
Tightening torque for to	erminals max		Nm	0.4
Conductor size				
0 0	AWG - Rigid cable			
	7.11.0 Taga sabis	min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	2011audio1 0120 (120) 1 10/110/0 042/0	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	-on-line control			
'	for three-phase motor			
		240V	HP	2
	for single-phase motor			
	3 1 3 1	240V	HP	0.75
Ambient conditions				
Temperature				
•	Operating temperature			
	1 0 1 1 2 2 2 2	min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP20
Dimensions				

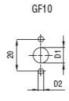


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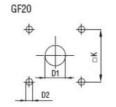


ENERGY AND AUTOMATION





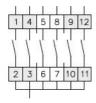




Drillings for 4 screws fixing (4V version).

Corios				Dimer	nsions								L	Number	of eler	nents				
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



X					
		X			
				Χ	
	X				
			Χ		Г
					X

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