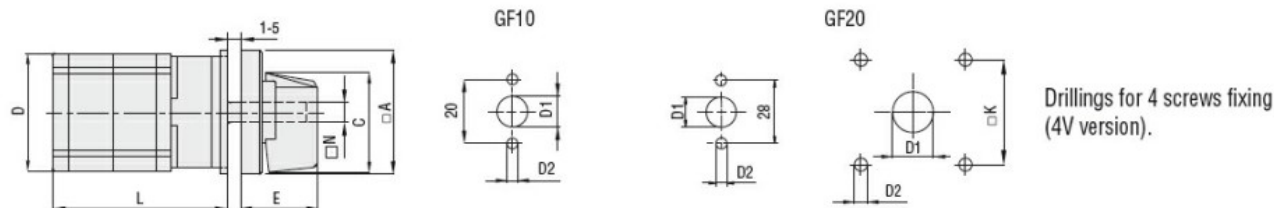


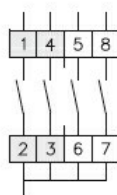
Product designation			Rotary cam switches		
Product type designation			GF10		
General characteristics					
Switching diagram			109 - Multi-step 0-1-2-3-4 1 pole		
N° of elements			2		
Mounting form			U - Front mounting with black handle		
Contact characteristics					
Rated insulation voltage Ui			IEC/EN	V	480
			UL/CSA	V	240
Rated impulse withstand voltage Uimp				kV	4
Conventional free air thermal current Ith			IEC/EN	A	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	A	16
Rated short time current Icw			1s	kA	250
Conductivity			10/5 mA/V		
Operational current Ie IEC/EN					
AC1/AC21A				A	10
AC15			110V	A	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
			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	1.1
Rated operational current in DC					
DC21A			48V	A	10
			60V	A	7
			110V	A	2
			220V	A	0.7

	440V	A	0.2
DC13			
	24V	A	3
	48V	A	3
	60V	A	2
	110V	A	1
	220V	A	0.3
	440V	A	0.1
Power dissipation		W	0.4
Mechanical features			
Terminals screw			2.5M
Tightening torque for 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	mm ²	0.5
	Max	mm ²	1.5
Conductor size (IEC) - Rigid cable			
	min	mm ²	0.5
	Max	mm ²	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			
	240V	HP	0.75
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP20
Dimensions			



Series	Dimensions								L Number of elements											
	□A	C	D	ØD1	ØD2	E	□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



0				
1	X			
2			X	
3		X		
4				X

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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