

Product designation

Rotary cam
switches

Product type designation

GF10

General characteristics

Switching diagram

108 - Multi-step
0-1-2-3 1 pole

N° of elements

2

Mounting form

U47 - Snap on
fron mounting
with black handle
for hole diam.
22mm finxing

Contact characteristics

Rated insulation voltage U_i

IEC/EN	V	480
UL/CSA	V	240

Rated impulse withstand voltage U_{imp}

kV	4
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Conventional free air thermal current I_{th}

IEC/EN	A	10
UL/CSA	A	10

Rated operational voltage

V	480
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Rated operational impulse voltage

kV	4
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Maximum fuse size for short-circuit protection I_n (gG)

10kA	A	16
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Rated short time current I_{cw}

1s	kA	250
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Conductivity

10/5 mA/V

Operational current I_e IEC/EN

AC1/AC21A

A	10
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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

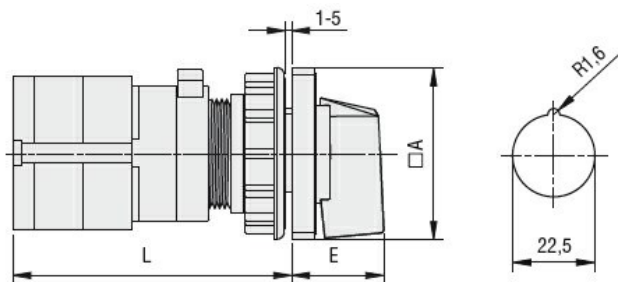
110V	kW	0.7
220/230V	kW	0.75
380/440V	kW	1.1

Rated operational current in DC

DC21A

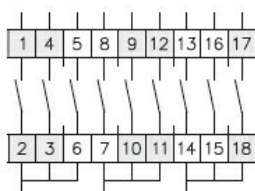
48V	A	10
60V	A	7

		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			
	□A	E	1	2	3...8	
GF10	30	18.5	60	72	84	144
GF20	48	26.5	56	69.5	83	150.5

Wiring diagrams



0																	
1	X				X		X										X
2			X	X													X
3		X					X		X							X	

108 —
124 —
136 —

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