

ROTARY CAM SWITCH GF SERIES, ON-OFF SWITCH 1 POLE 10A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 30X30MM

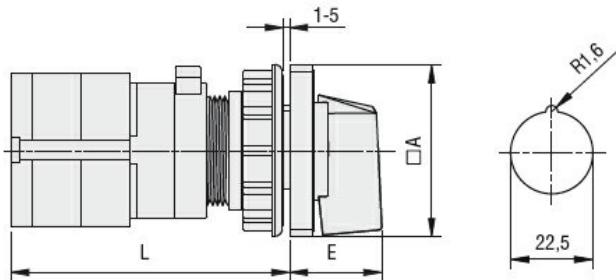


Product designation	Rotary cam switches		
Product type designation	GF10		
General characteristics			
Switching diagram	90 - ON/OFF switch 1 pole		
Nº of elements	1		
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm finxing		
Contact characteristics			
Rated insulation 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			

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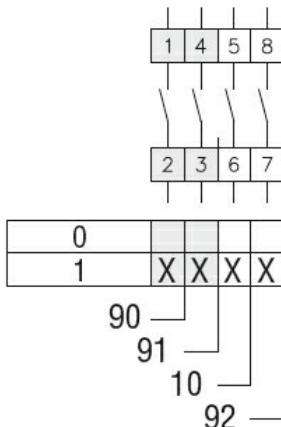
	110V	kW	0.7
	220/230V	kW	0.75
	380/440V	kW	1.1
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Rated operational current in DC			
DC21A			
	48V	A	10
	60V	A	7
	110V	A	2
	220V	A	0.7
	440V	A	0.2
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DC13			
	24V	A	3
	48V	A	3
	60V	A	2
	110V	A	1
	220V	A	0.3
	440V	A	0.1
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Power dissipation		W	0.4
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Mechanical features			
Terminals screw			
Tightening torque for terminals max			
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Conductor size			
AWG - Rigid cable			
	min	AWG	20
	Max	AWG	14
<hr/>			
AWG - Flexible cable			
	min	AWG	20
	Max	AWG	14
<hr/>			
Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	1.5
<hr/>			
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	1.5
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Mechanical life		cycles	1x10 <sup>6</sup>
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UL technical data			
Motor power for direct-on-line control			
for three-phase motor			
	240V	HP	2
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for single-phase motor			
	240V	HP	0.75
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Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
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Storage temperature			
	min	°C	-40
	max	°C	+70
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Resistance & Protection			
Frontal IP degree			
IP40			
Terminals IP degree			
IP20			
Dimensions			

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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



#### 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