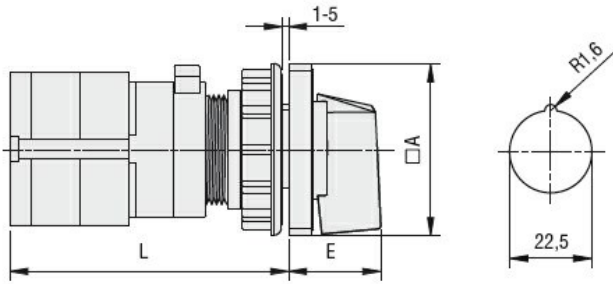




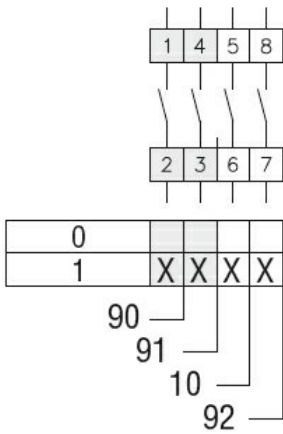
Product designation				Rotary cam switches
Product type designation				GF10
General characteristics				
Switching diagram				10 - ON/OFF switch 3 poles
N° of elements				2
Mounting form				U47 - Snap on front mounting with black handle for hole diam. 22mm fixing
Contact characteristics				
Rated insulation voltage U_i	IEC/EN	V	480	
	UL/CSA	V	240	
Rated impulse withstand voltage U_{imp}		kV	4	
Conventional free air thermal current I_{th}	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 I_n (gG)	10kA	A	16	
		1s	A	250
Conductivity				10/5 mA/V
Operational current I_e 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
<hr/>			
Rated operational current in DC			
DC21A	48V	A	10
	60V	A	7
	110V	A	2
	220V	A	0.7
	440V	A	0.2
<hr/>			
DC13	24V	A	3
	48V	A	3
	60V	A	2
	110V	A	1
	220V	A	0.3
	440V	A	0.1
<hr/>			
Power dissipation		W	0.4
Mechanical features			
Terminals screw			2.5M
Tightening torque for terminals max		Nm	0.4
<hr/>			
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 ²	0.5
	Max	mm ²	1.5
<hr/>			
Conductor size (IEC) - Rigid cable	min	mm ²	0.5
	Max	mm ²	1.5
<hr/>			
Mechanical life		cycles	1x10 ⁶
UL technical data			
Motor power for direct-on-line control			
for three-phase motor	240V	HP	2
<hr/>			
for single-phase motor	240V	HP	0.75
<hr/>			
Ambient conditions			
Temperature			
Operating temperature	min	°C	-25
	max	°C	+55
<hr/>			
Storage temperature	min	°C	-40
	max	°C	+70
<hr/>			
Resistance & Protection			
Frontal IP degree			IP40
Terminals IP degree			IP20
<hr/>			
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



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