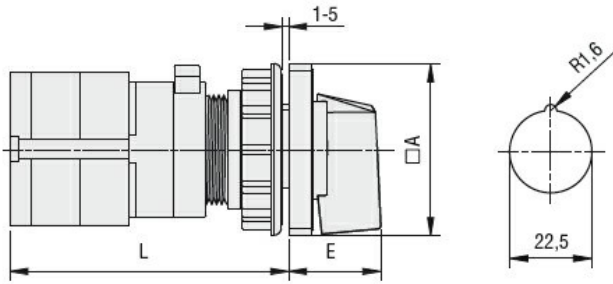




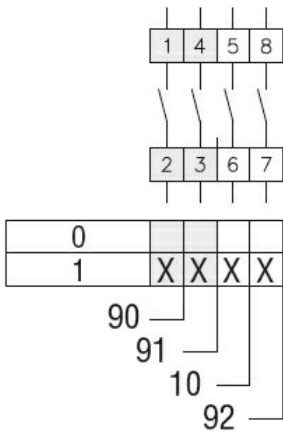
Product designation	Rotary cam switches			
Product type designation	GF10			
General characteristics				
Switching diagram	90 - ON/OFF switch 1 pole			
N° of elements	1			
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm fixing			
Contact characteristics				
Rated insulation 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	kA	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
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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
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
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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