

Product designation				Rotary cam switches	
Product type designation				GF10	
<b>General characteristics</b>					
Switching diagram				94 - Multi-step 1-2-3-4 3 poles	
N° of elements				6	
Mounting form				U47 - Snap on front mounting with black handle for hole diam. 22mm fixing	
<b>Contact characteristics</b>					
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
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
<b>Mechanical features</b>			
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 <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	1.5
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	1.5
Mechanical life		cycles	1x10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control			
for three-phase motor			
	240V	HP	2
for single-phase motor			
	240V	HP	0.75
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP40
Terminals IP degree			IP20
<b>ETIM classification</b>			
ETIM 8.0			EC001029 - Selector switch, complete