

Product designation				Rotary cam switches	
Product type designation				GF10	
General characteristics					
Switching diagram				93 - Multi-step 1-2-3 3 poles	
N° of elements				5	
Mounting form				U - Front mounting with black handle	
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		
Rated short time current I_{cw}	1s	kA	250		
				10/5 mA/V	
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
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
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete