

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 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			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