

Product designation				Rotary cam switches	
Product type designation				GX16	
General characteristics					
Switching diagram				39	
Contact characteristics					
Rated insulation voltage U_i	IEC/EN	V	690		
	UL/CSA	V	600		
Rated impulse withstand voltage U_{imp}			kV	6	
Conventional free air thermal current I_{th}	IEC/EN	A	16		
	UL/CSA	A	12		
Rated operational voltage			V	440	
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	20		
	25kA	A	16		
Rated short time current I_{cw}			1s	A	
				250	
Operational current I_e IEC/EN	AC1/AC21A			A	
	AC15				
		110V	A	10	
		220/230V	A	8	
		380/400V	A	4	
		660/690V	A	3	
Rated operational power in AC	Three-phase AC-3				
			220/230V	kW	3.5
			380/440V	kW	4.5
			500/690V	kW	5.5
	Single-phase AC-3				
			110V	kW	0.55
			220/230V	kW	1.5
			380/440V	kW	2.2
	Three-phase AC23A				
			220/230V	kW	3.7
			380/440V	kW	6.5
			500/690V	kW	7.5
Single-phase AC23A					
		110V	kW	0.75	
		220/230V	kW	1.8	
		380/440V	kW	3	
Rated operational current in DC	DC21A				
			48V	A	16
			60V	A	16
			110V	A	4
			220V	A	0.5
			440V	A	0.25
	DC23A (poles in series)				
		24V	A	16 (1)	

48V	A	16 (2)
60V	A	16 (3)
110V	A	10 (3)
220V	A	7 (4)

DC13

24V	A	16
48V	A	14
60V	A	12
110V	A	0.8
220V	A	0.3
440V	A	0.15

Mechanical features

Terminals screw				3M
Tightening torque for terminals max			Nm	0.5
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	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm ²	0.5
		Max	mm ²	2.5
Mechanical life			cycles	5x10 ⁶

UL technical data

Motor power for direct-on-line control				
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1

Ambient conditions

Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature			
		min	°C	-40
		max	°C	+70

Resistance & Protection

Frontal IP degree		IP65
Terminals IP degree		IP20

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
----------	--