

Product designation				Rotary cam switches	
Product type designation				GX16	
<b>General characteristics</b>					
Switching diagram				87 - Multi-step 1-2-3-4 2 poles	
N° of elements				4	
Mounting form				P - Plastic enclosure with black handle	
<b>Contact characteristics</b>					
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	
Rated operational impulse voltage			kV	4	
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	16		
	15kA	A	16		
	25kA	A	16		
Rated short time current $I_{cw}$			1s	A	
			250		
Conductivity				10/5 mA/V	
Operational current $I_e$ IEC/EN	AC1/AC21A		A	16	
	AC15				
		110V	A	10	
		220/230V	A	8	
		380/400V	A	4	
		660/690V	A	1.5	
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		0.6
	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		10
	110V	A		1
	220V	A		0.4
	440V	A		0.15
Power dissipation			W	0.6
<b>Mechanical features</b>				
Terminals screw				3M
Tightening torque for terminals max			Nm	0.5
Conductor size				
AWG - Rigid cable				
	min	AWG		20
	Max	AWG		12
AWG - Flexible cable				
	min	AWG		20
	Max	AWG		12
Conductor size (IEC) - Flexible cable				
	min	mm <sup>2</sup>		0.5
	Max	mm <sup>2</sup>		2.5
Conductor size (IEC) - Rigid cable				
	min	mm <sup>2</sup>		0.5
	Max	mm <sup>2</sup>		2.5
Mechanical life			cycles	1X10 <sup>6</sup>
<b>UL technical data</b>				
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
<b>Ambient conditions</b>				
Temperature				
Operating temperature				
	min	°C		-25
	max	°C		+55
Storage temperature				
	min	°C		-40

