

ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			
Switching diagram			84
N° of elements			3
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
De la	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	150/51		
	IEC/EN	A	16
Details and the second second	UL/CSA	A	12
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	401-4	^	00
	10kA	A	20
Rated short time current Icw	25kA	A	16
Rated short time current icw	4 -	^	050
0	1s	Α	250
Operational current le IEC/EN			
AC1/AC21A		۸	16
AC15		A	16
ACIS	110V	Α	10
	220/230V	A	8
	380/400V	A	4
	660/690V	A	3
Rated operational power in AC	000/030 V		
Three-phase AC-3			
Three phase No o	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3			
- 3 · i · · · · · · ·	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	Α	16
	60V	Α	16
	110V	Α	4
			0.5
	220V 440V	A A	0.5 0.25



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		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13		- , ,	. (.)
	2010	24V	Α	16
		48V	A	14
		60V	A	12
		110V	A	0.8
		220V	A	0.3
Mechanical features		440V	Α	0.15
Terminals screw				3M
	suma in a la many		Nima	
Tightening torque for to	erminais 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	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	IVICA	111111	2.0
	Conductor Size (IEC) - Nigiti Cable		2	0.5
		min	mm²	0.5
		Max	mm²	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
		120V 240V	HP HP	1.5 3
				3
		240V	HP	
	for three-phase motor	240V 480V	HP HP	3 5
		240V 480V 600V	HP HP HP	3 5 5
	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5
Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	3 5 5 0.75
Motor power for direct-	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1
Motor power for direct-	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	3 5 5 0.75 1
Motor power for direct-	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V min max	HP HP HP HP C°C	3 5 5 0.75 1
Motor power for direct-	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP °C °C	3 5 5 0.75 1 -25 +55
Ambient conditions Temperature	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP C°C	3 5 5 0.75 1
Motor power for direct-	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 0.75 1 -25 +55
Ambient conditions Temperature	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 0.75 1 -25 +55
Ambient conditions Temperature Resistance & Protection	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 0.75 1 -25 +55 -40 +70
Ambient conditions Temperature Resistance & Protections Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 5 0.75 1 -25 +55 -40 +70
Ambient conditions Temperature Resistance & Protections Frontal IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20
Ambient conditions Temperature Resistance & Protections Frontal IP degree Terminals IP degree	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20 EC001029 -
Ambient conditions Temperature Resistance & Protection Frontal IP degree Terminals IP degree ETIM classification	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP °C °C	3 5 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20