

ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			
Switching diagram			10
N° of elements			2
Contact characteristics			
Rated insulation voltage Ui	150/51		
	IEC/EN	V	690
Dated in rules with stand walters a library	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/EN	۸	4.0
	IEC/EN UL/CSA	A	16 12
Dated aparational voltage	UL/CSA	A V	440
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	10kA	Α	20
	25kA	A	16
Rated short time current lcw	ZUKA		10
Nated Short time current icw	1s	Α	250
Operational current le IEC/EN	13		230
AC1/AC21A			
AOTAOZTA		Α	16
AC15			10
7.010	110V	Α	10
	220/230V	A	8
	380/400V	Α	4
	660/690V	Α	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
01 1 1000	500/690V	kW	7.5
Single-phase AC23A			0.75
	110V	kW	0.75
	220/230V	kW	1.8
Poted energtional current in DC	380/440V	kW	3
Rated operational current in DC			
DC21A	48V	۸	16
	48 V 60 V	A A	16
	110V	A	4
	220V	A	0.5
		$\overline{}$	0.0
	440V	Α	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			( )
		24V	Α	16
		48V	A	14
		60V	A	12
		110V	A	0.8
		220V		
			A	0.3
Machanical factures		440V	Α	0.15
Mechanical features				21/4
Terminals screw	and a large and		Nima	3M
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 (IEO) - Migid cable	min	mm²	0.5
		111111	111111	0.5
		Mov	ma ma 2	2.5
Manhaniantiff		Max	mm²	2.5
Mechanical life		Max	mm² cycles	2.5 5x10 <sup>6</sup>
UL technical data		Max		
		Max		
UL technical data	on-line control for three-phase motor		cycles	5x10 <sup>6</sup>
UL technical data		120V		
UL technical data		120V 240V	cycles	5x10 <sup>6</sup>
UL technical data		120V	cycles	5x10 <sup>6</sup>
UL technical data		120V 240V	cycles HP	5x10 <sup>6</sup> 1.5 3
UL technical data		120V 240V 480V	Cycles  HP HP HP	5x10 <sup>6</sup> 1.5 3 5
UL technical data	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 5
UL technical data	for three-phase motor	120V 240V 480V	Cycles  HP HP HP	5x10 <sup>6</sup> 1.5 3 5 0.75
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 5
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 0.75
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor	120V 240V 480V 600V	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 0.75
UL technical data Motor power for direct-	for three-phase motor	120V 240V 480V 600V 120V 240V	HP HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 0.75 1
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor	120V 240V 480V 600V 120V 240V	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 5 0.75 1
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor  Operating temperature	120V 240V 480V 600V 120V 240V	HP HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 0.75 1
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor	120V 240V 480V 600V 120V 240V	HP HP HP HP HP C°C	5x10 <sup>6</sup> 1.5 3 5 5 0.75 1
UL technical data Motor power for direct-	for three-phase motor  for single-phase motor  Operating temperature	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 3 5 5 0.75 1  -25 +55
UL technical data Motor power for direct-  Ambient conditions Temperature	for three-phase motor  for single-phase motor  Operating temperature  Storage temperature	120V 240V 480V 600V 120V 240V	HP HP HP HP HP C°C	5x10 <sup>6</sup> 1.5 3 5 5 0.75 1
Motor power for direct-  Ambient conditions Temperature  Resistance & Protection	for three-phase motor  for single-phase motor  Operating temperature  Storage temperature	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 3 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	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 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	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 3 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	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 3 5 5 0.75 1  -25 +55  -40 +70
Ambient conditions Temperature  Resistance & Protections Frontal IP degree Terminals IP degree ETIM classification	for three-phase motor  for single-phase motor  Operating temperature  Storage temperature	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 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	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP C°C°C	5x10 <sup>6</sup> 1.5 3 5 5 0.75 1  -25 +55  -40 +70  IP65 IP20