

ENERGY AND AUTOMATION

Product designation				Rotary cam
Product type designation	nn			switches GX16
General characteristics				GX10
Switching diagram				71
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
D ( 1) 1 20 1	1 10 11	UL/CSA	V	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith			kV	6
Conventional free air th	ermai current ith	IEC/EN	۸	16
		UL/CSA	A A	16 12
Rated operational volta	nne -	OLICOA		440
Maximum fuse size for short-circuit protection In (gG)			· ·	<del>- 110</del>
Waximam rado dizo for	onort one dit protoction in (go)	10kA	Α	20
		25kA	Α	16
Rated short time currer	nt Icw			
		1s	Α	250
Operational current le l	EC/EN			
	AC1/AC21A			
			Α	16
	AC15			
		110V	A	10
		220/230V	A	8
		380/400V 660/690V	A A	4 3
Rated operational power	er in AC	000/090 V		<u> </u>
rtated operational power	Three-phase AC-3			
	Times prides / te s	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
	TI 1 0000	380/440V	kW	2.2
	Three-phase AC23A	220/2201	1,111	2.7
		220/230V 380/440V	kW kW	3.7 6.5
		500/690V	kW	7.5
	Single-phase AC23A	330/030 V		
	3 - 1	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational curre				
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	A	4
		220V 440V	A A	0.5 0.25
	DC23A (poles in series)	4401		0.20
	DOZON (POICS III SEIIES)	24V	Α	16 (1)
			- •	



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GX1671U

		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	Α	14
		60V	Α	12
		110V	Α	0.8
		220V	Α	0.3
		440V	Α	0.15
Mechanical features				
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size	Similalo max			
Conductor size	NWO 51 11 11			
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	ATTO THOMBIO GUDIO	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor Size (IEC) - Nigid Cable			0.5
		min	mm²	0.5
			mm2	7 =
		Max	mm²	2.5
Mechanical life		IVIAX	cycles	5x10 <sup>6</sup>
Mechanical life UL technical data		IVIAX		
UL technical data	on-line control	IVIAX		
		IVIAX		
UL technical data	on-line control for three-phase motor		cycles	5x10 <sup>6</sup>
UL technical data		120V	cycles	5x10 <sup>6</sup>
UL technical data			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	for three-phase motor	120V 240V 480V	Cycles  HP HP HP	5x10 <sup>6</sup> 1.5 3 5
UL technical data		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 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	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	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	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 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	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-	for three-phase motor  for single-phase motor  Operating 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
UL technical data  Motor power for direct-	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
UL technical data 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 & Protection 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  IP65 IP20
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  IP65 IP20  EC001029 -
Ambient conditions Temperature  Resistance & Protection 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
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  IP65 IP20  EC001029 -