



ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type designa				GX16
General characteristic	CS			
Switching diagram	-			72
Contact characteristic				
Rated insulation volta	ige Oi	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta	and voltage Uimp	0L/00/1	kV	6
Conventional free air				
		IEC/EN	Α	16
		UL/CSA	Α	12
Rated operational voltage			V	440
Maximum fuse size for	or short-circuit protection In (gG)			
		10kA	Α	20
		25kA	Α	16
Rated short time curr	ent Icw		_	
		1s	Α	250
Operational current le				
	AC1/AC21A		۸	4.0
	AC15		A	16
	AC15	110V	Α	10
		220/230V	A	8
		380/400V	A	4
		660/690V	Α	3
Rated operational por	wer 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
	Three phase AC22A	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	000/000 V	17.4.4	
		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cur	rrent in DC			
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.5
	70001 ( )	440V	Α	0.25
	DC23A (poles in series)			



		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	A	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		1101	,,	0110
				21.1
Terminals screw				3M
Tightening torque for te	erminals max		Nm	0.5
Conductor size				
3011440101 0120	AWC Digid apple			
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	71110 Tiexible duble		A1A/C	20
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
	,	min	mm²	0.5
		Max	mm²	2.5
		IVIAX	ППП	2.0
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
			2	
		Max	mm⁴	2.5
Mechanical life		Max	mm²	2.5 5×10 <sup>6</sup>
Mechanical life		Max	cycles	2.5 5x10 <sup>6</sup>
UL technical data		Max		
	on-line control	Max		
UL technical data		Max		
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		120V 240V	cycles HP	5x10 <sup>6</sup> 1.5 3
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	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	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	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 5 1 -25
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  Operating temperature	120V 240V 480V 600V 120V 240V	HP HP HP HP	5x10 <sup>6</sup> 1.5 3 5 5 1 -25
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
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
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
Ambient conditions Temperature  Resistance & Protection 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 & Protection 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	1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20 EC001029 - Selector switch,
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 -