



ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type designa				GX16
General characteristic	cs			00
Switching diagram Contact characteristic	ne e			89
Rated insulation volta				
rated insulation voita	ge of	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp			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			
	·		Α	16
	AC15		_	
		110V	Α	10
		220/230V	A	8
		380/400V	A	4 3
Dated energtional na	wor in AC	660/690V	Α	ა
Rated operational por				
	Three-phase AC-3	220/230V	kW	3.5
		380/440V	kW	4.5
		500/440V	kW	5.5
	Single-phase AC-3	000/0001	1000	0.0
	Single phase / to c	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 cui				
	DC21A		_	
		48V	A	16
		60V	A	16
		110V	A	4
		220V	A	0.5
	DC22A (polos is series)	440V	Α	0.25
	DC23A (poles in series)	24V	Α	16 (1)
		24 V	^	10 (1)



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GX16P897U

		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			. (.)
	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	Think to that			0.0
Conductor Size	AMC Digid coble			
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable	Wicor	71110	
	Conductor size (IEC) - I lexible cable	min	mm²	0.5
	-	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		N 4 -	2	0.5
		Max	mm²	2.5
Mechanical life		IVIax		
Mechanical life UL technical data		Max	cycles	5x10 ⁶
UL technical data	on-line control	IVIax		
		Max		
UL technical data	on-line control for three-phase motor		cycles	5x10 ⁶
UL technical data		120V	cycles	5x10 ⁶
UL technical data		120V 240V	cycles HP	5x10 ⁶ 1.5 3
UL technical data		120V	cycles	5x10 ⁶
UL technical data		120V 240V	cycles HP	5x10 ⁶ 1.5 3
UL technical data	for three-phase motor	120V 240V 480V	Cycles HP HP HP	5x10 ⁶ 1.5 3 5
UL technical data		120V 240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	5x10 ⁶ 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	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 ⁶ 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 ⁶ 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 ⁶ 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 ⁶ 1.5 3 5 5 1 -25
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 ⁶ 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 ⁶ 1.5 3 5 5 1 -25
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 ⁶ 1.5 3 5 5 1 -25
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 ⁶ 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 ⁶ 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 ⁶ 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 ⁶ 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 ⁶ 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 ⁶ 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 ⁶ 1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20 EC001029 -
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	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 ⁶ 1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20 EC001029 -