



ENERGY AND AUTOMATION

Product designation				Rotary cam switches
Product type designation				GX16
General characterist	ics			00
Switching diagram Contact characteristi	ice			88
Rated insulation volta				
rated insulation voice	490 01	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 f	for short-circuit protection In (gG)			
		10kA	Α	20
		25kA	Α	16
Rated short time cur	rent Icw			0.50
O	L JEO/EN	1s	A	250
Operational current I				
	AC1/AC21A		Α	16
	AC15		A	10
	ACIS	110V	Α	10
		220/230V	A	8
		380/400V	A	4
		660/690V	Α	3
Rated operational po	ower 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	000/000	1366	0.7
		220/230V	kW	3.7
		380/440V	kW	6.5
	Single-phase AC22A	500/690V	kW	7.5
	Single-phase AC23A	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cu	urrent in DC	000/770 V	17.4.4	<u> </u>
a.ca oporational oc	DC21A			
	- <b></b>	48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.5
		440V	Α	0.25
	DC23A (poles in series)			



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		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13	2201	- , ,	, (1)
	5613	24V	Α	16
		48V		14
		60V	A	
			A	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				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	7.000 Tickliste dabie	min	AWG	20
		Max	AWG	14
	Conductor size (IEC) Florible coble	IVIAA	AWG	
	Conductor size (IEC) - Flexible cable			0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	5x10 <sup>6</sup>
Mechanical life UL technical data			cycles	5x10 <sup>6</sup>
	on-line control		cycles	5x10 <sup>6</sup>
UL technical data			cycles	5x10 <sup>6</sup>
UL technical data	on-line control for three-phase motor	120V		
UL technical data		120V 240V	HP	1.5
UL technical data		240V	HP HP	1.5 3
UL technical data		240V 480V	HP HP HP	1.5 3 5
UL technical data	for three-phase motor	240V	HP HP	1.5 3
UL technical data		240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data	for three-phase motor	240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data  Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data  Motor power for direct-	for three-phase motor	240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data  Motor power for direct-	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data  Motor power for direct-	for three-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	1.5 3 5 5 0.75
UL technical data  Motor power for direct-	for three-phase motor  for single-phase motor	240V 480V 600V	HP HP HP HP	1.5 3 5 5
UL technical data  Motor power for direct-	for three-phase motor  for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	1.5 3 5 5 0.75
UL technical data  Motor power for direct-	for three-phase motor  for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	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	240V 480V 600V 120V 240V	HP HP HP HP	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	240V 480V 600V 120V 240V	HP HP HP HP HP	1.5 3 5 5 0.75 1
UL technical data Motor power for direct-  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 HP	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	240V 480V 600V 120V 240V min max	HP HP HP HP HP	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	240V 480V 600V 120V 240V min max	HP HP HP HP HP	1.5 3 5 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 HP	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	240V 480V 600V 120V 240V min max	HP HP HP HP HP	1.5 3 5 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	240V 480V 600V 120V 240V min max	HP HP HP HP HP	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	240V 480V 600V 120V 240V min max	HP HP HP HP HP	1.5 3 5 5 5 0.75 1 -25 +55 -40 +70