

ENERGY AND AUTOMATION

Product designation			Rotary cam switches
Product type designation			GX16
General characteristics			
Switching diagram			52
N° of elements			2
Contact characteristics			
Rated insulation voltage Ui	150/51		
	IEC/EN	V	690
Data di inana da a contra da	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/EN		4.0
	IEC/EN	A	16
Dated an austianal valtage	UL/CSA	A V	12
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)	401.4	٨	20
	10kA 25kA	A A	20 16
Rated short time current lcw	∠⊃KA	А	10
Nateu Short time Current ICW	4 -	٨	250
Operational current to IEC/EN	1s	Α	250
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	16
AC15			10
ACTS	110V	Α	10
	220/230V	A	8
	380/400V	A	4
	660/690V	A	3
Rated operational power in AC	000/0001	- , ,	
Three-phase AC-3			
Times phase the s	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3		-	
3 - 1	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 current in DC			
DC21A			
	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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		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	A	7 (4)
	DC13	220 V		7 (4)
	DC13	0.41/		40
		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
	orminala may		NIm	
Tightening torque for to	eminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
	AVVO - I lexible cable	min	AWG	20
		min		
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	Conductor Sizo (izo) Trigia casic	min	mm²	0.5
		Max	mama2	2 E
		Max	mm²	2.5
Mechanical life		Max	mm² cycles	2.5 5x10 ⁶
UL technical data		Max		
	-on-line control	Max		
UL technical data		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 240V 480V	Cycles HP HP HP	5x10 ⁶ 1.5 3 5
UL technical data	for three-phase motor	120V 240V	cycles HP	5x10 ⁶ 1.5 3
UL technical data		120V 240V 480V 600V	HP HP HP HP	5x10 ⁶ 1.5 3 5 5
UL technical data	for three-phase motor	120V 240V 480V	Cycles HP HP HP	5x10 ⁶ 1.5 3 5
UL technical data	for three-phase motor	120V 240V 480V 600V	HP HP HP HP	5x10 ⁶ 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 5 0.75
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 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 5 0.75
UL technical data Motor power for direct	for three-phase motor	120V 240V 480V 600V 120V 240V	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 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 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 HP	5x10 ⁶ 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	5x10 ⁶ 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 ⁶ 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	120V 240V 480V 600V 120V 240V min max	HP HP HP HP HP	5x10 ⁶ 1.5 3 5 5 0.75 1 -25 +55
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	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	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	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	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	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	5x10 ⁶ 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	5x10 ⁶ 1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20 EC001029 -