

GX16R018U

Product designation			[。] Rotary cam
Product designation			switches
Product type designation General characteristics			GX16
Switching diagram			01
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	А	16
	UL/CSA	А	12
Rated operational voltage		V	440
Maximum fuse size for short-circuit protection In (gG)			
	10kA	А	20
	25kA	А	16
Rated short time current Icw			
	1s	A	250
Operational current le IEC/EN			
AC1/AC21A			
		A	16
AC15			
	110V	A	10
	220/230V	A	8
	380/400V	A	4
Detection entries of a surgering AQ	660/690V	A	3
Rated operational power in AC			
Three-phase AC-3	220/2201/		25
	220/230V 380/440V	kW kW	3.5 4.5
	500/440V 500/690V	kW	4.5 5.5
Single-phase AC-3	300/030 v		0.0
Single-phase AC-3	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A	200, 1107		
	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	А	16
	60V	А	16
	110V	А	4
	220V	A	0.5
	440V	A	0.25
DC23A (poles in series)	A 111		10 (1)
	24V	A	16 (1)

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		48V	А	16 (2)
		60V	Α	16 (3)
		110V	A	10 (3)
		220V	Α	7 (4)
	DC13	241/	^	40
		24V 48V	A	16 14
		48V 60V	A A	12
		110V	A	0.8
		220V	A	0.3
		440V	A	0.15
Mechanical features				
Terminals screw				3M
Tightening torque for t	erminals max		Nm	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max	AWG	14
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	14
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	- -
		min	mm²	0.5
		Max	mm²	2.5
Maghaniag life			av al a a	Ex106
Mechanical life			cycles	5x10 ^e
UL technical data	-on-line control		cycles	5x10⁵
			cycles	5x10 ⁶
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			HP HP	1.5
UL technical data		240V 480V	HP HP HP	1.5 3 5
UL technical data	for three-phase motor	240V 480V	HP HP HP	1.5 3 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 120V	HP HP HP HP	1.5 3 5 5 0.75
UL technical data Motor power for direct	for three-phase motor	240V 480V 600V 120V	HP HP HP HP	1.5 3 5 5 0.75
UL technical data Motor power for direct	for three-phase motor	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	for three-phase motor	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	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	for three-phase motor	240V 480V 600V 120V 240V min max	HP HP HP HP HP HP HP HP	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	240V 480V 600V 120V 240V min max	HP HP HP HP HP HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40
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 HP HP HP	1.5 3 5 5 0.75 1 -25 +55
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti	for three-phase motor for single-phase motor Operating temperature Storage temperature	240V 480V 600V 120V 240V min max	HP HP HP HP HP HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40 +70
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti 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 HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti 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 HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40 +70
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti 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 HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti 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 HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65
UL technical data Motor power for direct Ambient conditions Temperature Resistance & Protecti 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 HP C °C	1.5 3 5 5 0.75 1 -25 +55 -40 +70 IP65 IP20 EC001029 -

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