



ENERGY AND AUTOMATION

Product designation				Rotary cam
Product type designation	an .			switches GX16
General characteristics				OX10
Switching diagram				39
Contact characteristics				
Rated insulation voltage	e Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar	<u> </u>		kV	6
Conventional free air th	ermal current Ith			
		IEC/EN	Α	16
		UL/CSA	Α	12
Rated operational voltage			V	440
Maximum fuse size for	short-circuit protection In (gG)		_	
		10kA	Α	20
D		25kA	Α	16
Rated short time currer	nt ICW	4		050
0 " 1 11	FO/FN	1s	Α	250
Operational current le				
	AC1/AC21A		^	4.0
	AC15		A	16
	AC15	110V	Α	10
		220/230V	A	8
		380/400V	A	4
		660/690V	A	3
Rated operational pow	er 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			
		220/230V	kW	3.7
		380/440V	kW	6.5
	Single phase ACCCA	500/690V	kW	7.5
	Single-phase AC23A	440\/	[A/A/	0.75
		110V 220/230V	kW kW	0.75 1.8
		380/440V	kW	3
Rated operational curre	ent in DC	330/ 11 0 V	17.4.4	
. atoa oporational ourie	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	Α	0.5
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	16 (1)



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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 ⁶
Mechanical life UL technical data			cycles	5x10 ⁶
	on-line control		cycles	5x10 ⁶
UL technical data			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		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