

## GX1653O88

Product designation		<sup>o</sup> Rotary cam
-		switches
Product type designation General characteristics		GX16
Switching diagram		53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements		3
Mounting form		O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics		
Rated insulation voltage Ui IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	kV	6
Conventional free air thermal current Ith IEC/EN UL/CSA	A A	16 12
Rated operational voltage	V	440
Rated operational impulse voltage	kV	4
Maximum fuse size for short-circuit protection In (gG) 10kA 15kA 25kA	A A A	16 16 16
Rated short time current Icw		
1s	А	250
Conductivity		10/5 mA/V
Operational current le IEC/EN		
AC1/AC21A	А	16
AC15 110V 220/230V 380/400V 660/690V	A A A	10 8 4 1.5
Rated operational power in AC	Λ	1.5
Three-phase AC-3		<b>.</b>
220/230V	kW	3.5
380/440V 500/690V	kW kW	4.5 5.5
Single-phase AC-3		
110V	kW	0.55
220/230V 380/440V	kW kW	1.5 2.2
Three-phase AC23A 220/230V	kW	3.7

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



		380/440V	kW	6.5
		500/690V	kW	7.5
		000/0001		7.0
	Single-phase AC23A			
		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational cu	urrent in DC	000/1101		•
	DC21A			
		48V	A	16
		60V	А	16
		110V	А	4
		220V		
			A	0.6
		440V	A	0.25
	DC23A (poles in series)			
		24V	А	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	А	7 (4)
	DC13			( )
	8013	041/	^	10
		24V	A	16
		48V	A	14
		60V	А	10
		110V	А	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
	r tarminala may		Nm	0.5
Tightening torque fo			INITI	0.5
Conductor size				
	AWG - Rigid cable			
		min	AWG	20
		Max		12
		Ινιαλ	ANG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable		• •	
	CONTRACTOR SIZE (ILC) - I TEXIDIE CADIE			0.5
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable			
	· · · ·	min	mm²	0.5
		Max		2.5
<b>NA</b> 1 1 1.1.4		XBIVI	mm²	
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		4001		1 5
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
		0000	111	5
	for single phone states			
	for single-phase motor			
	for single-phase motor	120V	HP	0.75
	for single-phase motor	120V 240V	HP HP	0.75 1

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## Ambient conditions

Temperature

, Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
ETIM classification			
ETIM 8.0			EC001029 - Selector switch, complete

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