

GX3253O88

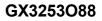
Product designation				Rotary cam switches
Product type designati				GX32
General characteristics	3			
Switching diagram				53 - Changeover switch 3 poles - 2 speed motor starting with separate windings
N° of elements				3
Mounting form				O88 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers
Contact characteristics				
Rated insulation voltag		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith		_	
		IEC/EN UL/CSA	A A	32 32
Rated operational volta	ade		V	440
Rated operational impu	-		kV	4
Maximum fuse size for	short-circuit protection In (gG)	10kA 15kA	A A	35 35
		25kA	Α	35
Rated short time current	nt Icw	1s	kA	1000
Conductivity		10	10.1	10/5 mA/V
Operational current le	IEC/EN			
	AC1/AC21A			
	AC15		A	32
	ACTS	110V	А	25
		220/230V	A	20
		380/400V	А	10
		660/690V	А	2
Rated operational pow	er in AC Three-phase AC-3			
	•	220/230V	kW	7.5
		380/440V	kW	11
		500/690V	kW	11
	Single-phase AC-3	110V	kW	1.8
		220/230V	kW	3.5
		380/440V	kW	5.5
	Three-phase AC23A	220/230V	kW	8
		220/2001	1	5

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	15
		500/690V	kW	15
	Single-phase AC23A			
	Single-phase AC23A	4401/		0.0
		110V	kW	2.2
		220/230V	kW	3.5
		380/440V	kW	6
Rated operational cu	Irrent in DC			
	DC21A			
	DOZIA	401/	^	20
		48V	Α	32
		60V	А	32
		110V	А	5
		220V	А	0.8
		440V	A	0.25
		101	Λ	0.20
	DC23A (poles in series)			
		24V	A	32 (1)
		48V	А	32 (2)
		60V	А	32 (3)
		110V	A	15 (3)
		220V	Α	12 (4)
	DC13			
		24V	А	32
		48V	А	25
		60V	A	14
		110V	A	3
		220V	A	0.5
		440V	А	0.15
Power dissipation			W	1.6
Mechanical features				
				N 4 4
Terminals screw				M4
Tightoning torque for	terminals max		Nm	1.2
Tightening torque for				
Conductor size				
	AWG - Rigid cable	min		16
		min	AWG	16
	AWG - Rigid cable	min Max	AWG	16 8
			AWG	
	AWG - Rigid cable		AWG	
	AWG - Rigid cable	Max min	AWG AWG AWG	8
	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	8
	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	8 16 10
	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	8 16 10 1.5
	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	8 16 10
	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm ²	8 16 10 1.5
	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ²	8 16 10 1.5 6
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Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
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Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm ² mm ² mm ²	8 16 10 1.5 6 1.5 10
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 3
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max 120V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5 15
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 3 7.5
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1.5 10 1X10 ⁶ 3 7.5 15 15 15
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V 120V	AWG AWG AWG mm ² mm ² mm ² cycles HP HP HP HP HP	8 16 10 1.5 6 1.5 10 1.5 10 1X10 ⁶ 3 7.5 15 15 1.5 1.5 1.5 1.5 1.5 1.5
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ct-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm ² mm ² mm ² cycles	8 16 10 1.5 6 1.5 10 1.5 10 1X10 ⁶ 3 7.5 15 15 15

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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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