

## GX4053O88

Product designation				Rotary cam
-				switches
Product type designation General characteristics	1			GX40
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			kV	6
Conventional free air the	rmal current Ith	IEC/EN UL/CSA	A A	40 40
Rated operational voltage	e		V	440
Rated operational impul	se voltage		kV	4
Maximum fuse size for s	hort-circuit protection In (gG)	10kA 15kA 25kA	A A A	40 35 35
Rated short time current	Icw	1s	A	1000
Conductivity				10/5 mA/V
Operational current le IE	C/EN AC1/AC21A			
			А	40
	AC15	110V 220/230V 380/400V 660/690V	A A A	25 22 12 2
Rated operational powe	r in AC	000,0001		-
	Three-phase AC-3	220/2201/	L-\\\/	7 6
		220/230V 380/440V	kW kW	7.5 15
		500/690V	kW	15
	Single-phase AC-3	110V	kW	2.2
		220/230V	kW	4.4
		380/440V	kW	7
	Three-phase AC23A	220/230V	kW	9

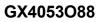
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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently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



		380/440V	kW	18.5
		500/690V	kW	15
	Cingle share ACO2A	000/0001		10
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Rated operational c	urrent in DC			
	DC21A			
	00217	48V	А	40
		60V	Α	40
		110V	А	6
		220V	А	0.8
		440V	Α	0.25
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	A	40 (1)
		60V	Α	40 (3)
		110V	А	40 (3)
		220V	A	12 (4)
	DC13			
		24V	А	40
		48V	A	32
		60V	Α	16
		110V	А	3
		220V	A	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				-
				M4
Terminals screw				
	or terminals max		Nm	1.2
Tightening torque for	or terminals max		Nm	
			Nm	
Tightening torque for	or terminals max AWG - Rigid cable			
Tightening torque for		min	Nm	1.2
Tightening torque for			AWG	1.2
Tightening torque for	AWG - Rigid cable	min Max	AWG	1.2
Tightening torque for			AWG AWG	1.2
Tightening torque for	AWG - Rigid cable		AWG	1.2 16 8
Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	1.2 16 8
Tightening torque for	AWG - Rigid cable	Max min	AWG AWG AWG	1.2 16 8 16 10
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG AWG	1.2 16 8 16
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG mm <sup>2</sup>	1.2 16 8 16 10 1.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG AWG	1.2 16 8 16 10
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG mm <sup>2</sup>	1.2 16 8 16 10 1.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6 1.5
Tightening torque fo Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque fo Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6 1.5
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Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup>
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup>	1.2 16 8 16 10 1.5 6 1.5 10
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup>
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10
Tightening torque fo Conductor size Mechanical life UL technical data	AWG - Rigid cable    AWG - Flexible cable   Conductor size (IEC) - Flexible cable   Conductor size (IEC) - Rigid cable   ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15
Tightening torque fo 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 <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15
Tightening torque fo Conductor size Mechanical life UL technical data	AWG - Rigid cable    AWG - Flexible cable   Conductor size (IEC) - Flexible cable   Conductor size (IEC) - Rigid cable   ect-on-line control for three-phase motor	Max     min     Max     min     Max     min     Max     120V     240V     480V     600V     120V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles HP HP HP HP HP	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2
Tightening torque fo Conductor size Mechanical life UL technical data	AWG - Rigid cable    AWG - Flexible cable   Conductor size (IEC) - Flexible cable   Conductor size (IEC) - Rigid cable   ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG mm <sup>2</sup> mm <sup>2</sup> mm <sup>2</sup> cycles	1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 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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