



ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 3 POLES - 2 SPEED MOTOR STARTING WITH SEPARATE WINDINGS 20A, FOR REAR MOUNTING WITH RED/YELLOW HANDLE PADLOCKABLE IN 0, DOOR COUPLING AND PROTECTION COVERS, FRONT

PLATE: 48X48

Product designation				Rotary cam switches GX20
Product type designation General characteristics				GA20
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				
Rated impulse withstar		IEC/EN UL/CSA	V V kV	690 600
Conventional free air th	·		ΚV	
		IEC/EN UL/CSA	A A	20 15
Rated operational volta			V	440
Rated operational impu			kV	4
	short-circuit protection In (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time currer	it icw	1s	kA	250
Conductivity		13	N/A	10/5 mA/V
Operational current le	EC/EN			10/01111/4
·	AC1/AC21A		Α	20
	AC15			
		110V 220/230V	A A	10 8
		380/400V	Α	6
Dated aparational nave	or in AC	660/690V	A	1.5
Rated operational power	Three-phase AC-3			
	Tillee phase Ao o	220/230V	kW	3.7
		380/440V	kW	5.5
		500/690V	kW	5.5
	Single-phase AC-3		1 1 4 4	0.75
		110V 220/230V	kW kW	0.75
		380/440V	kW	1.8 3
	Three-phase AC23A	220/230V	kW	4





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		380/440V	kW	7.5
		500/690V	kW	7.5
	Single-phase AC23A			
	Siligie-pliase AOZSA	4401/	1.147	0.75
		110V	kW	0.75
		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cu	rrent in DC			
rtatoa oporational oa	DC21A			
	DOZTA	40) (0.0
		48V	Α	20
		60V	Α	20
		110V	Α	4
		220V	Α	0.6
		440V	A	0.25
	D0004 (1 : :)	440 V		0.23
	DC23A (poles in series)			
		24V	Α	20 (1)
		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	A	10 (3)
		220V	Α	8 (4)
	DC13			
		24V	Α	20
		48V	Α	16
		60V		
			Α	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features			• •	0.0
				1.10
Terminals screw				M3
Terminals screw Tightening torque for	terminals max		Nm	M3 0.8
	terminals max		Nm	
Tightening torque for			Nm	
Tightening torque for	terminals max AWG - Rigid cable	min		0.8
Tightening torque for		min	AWG	0.8
Tightening torque for	AWG - Rigid cable	min Max		0.8
Tightening torque for			AWG	0.8
Tightening torque for	AWG - Rigid cable		AWG	0.8 20 12
Tightening torque for	AWG - Rigid cable	Max min	AWG AWG	0.8 20 12 20
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	0.8 20 12
Tightening torque for	AWG - Rigid cable	Max min Max	AWG AWG AWG AWG	0.8 20 12 20 12
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 20 12 20 12 0.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max	AWG AWG AWG AWG	0.8 20 12 20 12
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min	AWG AWG AWG AWG	0.8 20 12 20 12 0.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm²	0.8 20 12 20 12 0.5 2.5
Tightening torque for	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8 20 12 20 12 0.5 2.5 0.5
Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	0.8 20 12 20 12 0.5 2.5 0.5 2.5
Tightening torque for Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8 20 12 20 12 0.5 2.5 0.5
Tightening torque for Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	0.8 20 12 20 12 0.5 2.5 0.5 2.5
Tightening torque for 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 mm² mm²	0.8 20 12 20 12 0.5 2.5 0.5 2.5
Tightening torque for Conductor size Mechanical life	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 mm² mm²	0.8 20 12 20 12 0.5 2.5 0.5 2.5
Tightening torque for 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 AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Tightening torque for 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 AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Tightening torque for 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	AWG AWG AWG AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Tightening torque for 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 AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶
Tightening torque for 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 AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5
Tightening torque for 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	AWG AWG AWG AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 1X10 ⁶ 1.5 3
Tightening torque for 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 AWG mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5
Tightening torque for 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 mm² mm² mm² cycles	0.8 20 12 20 12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5
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ENERGY AND AUTOMATION

GX2053O88

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Ambient conditions				
Temperature				
0	Operating temperature			
		min	°C	-25
		max	°C	+55
S	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