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ENCLOSED ROTARY CAM SWITCH GX SERIES, 3-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 20A IN PLASTIC ENCLOSURE 90X90MM WITH RED/YELLOW HANDLE

Product designation				Enclosed rotary cam switch
Product type designati				GX20
General characteristics	S			
Switching diagram				26 - 3-phase motor reversing switch with spring return
N° of elements				3
Mounting form				P25 - Plastic enclosure with red/yellow handle
Contact characteristics	5			
Rated insulation voltag	je Ui			
		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstar			kV	6
Conventional free air th	nermal current Ith			
		IEC/EN	А	20
		UL/CSA	A	15
Rated operational volta	-		V	440
Rated operational imp	-		kV	4
Maximum fuse size for	r short-circuit protection In (gG)			
		10kA	A	20
		15kA	Α	20
		25kA	A	20
Rated short time curre	nt Icw		_	
		1s	A	250
Conductivity				10/5 mA/V
Operational current le				10/0 11/0 1
Operational current le	IEC/EN AC1/AC21A			
Operational current le	AC1/AC21A		A	20
Operational current le				20
Operational current le	AC1/AC21A	110V	А	20 10
Operational current le	AC1/AC21A	220/230V	A A	20 10 8
Operational current le	AC1/AC21A	220/230V 380/400V	A A A	20 10 8 6
	AC1/AC21A AC15	220/230V	A A	20 10 8
Operational current le	AC1/AC21A AC15 ver in AC	220/230V 380/400V	A A A	20 10 8 6
	AC1/AC21A AC15	220/230V 380/400V 660/690V	A A A A	20 10 8 6 1.5
	AC1/AC21A AC15 ver in AC	220/230V 380/400V 660/690V 220/230V	A A A KW	20 10 8 6 1.5 3.7
	AC1/AC21A AC15 ver in AC	220/230V 380/400V 660/690V 220/230V 380/440V	A A A kW kW	20 10 8 6 1.5 3.7 5.5
	AC1/AC21A AC15 //er in AC Three-phase AC3	220/230V 380/400V 660/690V 220/230V	A A A KW	20 10 8 6 1.5 3.7
	AC1/AC21A AC15 ver in AC	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V	A A A kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 5.5
	AC1/AC21A AC15 //er in AC Three-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V	A A A kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75
	AC1/AC21A AC15 //er in AC Three-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V	A A A kW kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8
	AC1/AC21A AC15 //er in AC Three-phase AC3 Single-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V	A A A kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75
	AC1/AC21A AC15 //er in AC Three-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V	A A A kW kW kW kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8 3
	AC1/AC21A AC15 //er in AC Three-phase AC3 Single-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V	A A A KW kW kW kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8 3 4
	AC1/AC21A AC15 //er in AC Three-phase AC3 Single-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V 380/440V	A A A KW kW kW kW kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8 3 4 7.5
	AC1/AC21A AC15 //er in AC Three-phase AC3 Single-phase AC3 Three-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V	A A A KW kW kW kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8 3 4
	AC1/AC21A AC15 //er in AC Three-phase AC3 Single-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V 380/440V 500/690V	A A A KW KW KW KW KW KW KW KW KW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8 3 4 7.5 7.5
	AC1/AC21A AC15 //er in AC Three-phase AC3 Single-phase AC3 Three-phase AC3	220/230V 380/400V 660/690V 220/230V 380/440V 500/690V 110V 220/230V 380/440V 220/230V 380/440V	A A A KW kW kW kW kW kW kW	20 10 8 6 1.5 3.7 5.5 5.5 0.75 1.8 3 4 7.5

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		380/440V	kW	3.5
Rated operational cur				
	DC21A	48V	А	20
		48 V 60 V	A	20
		110V	A	4
		220V	A	0.6
		440V	А	0.25
	DC23A (poles in series)			
		24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	A	8 (4)
	DC13	0.01/	٨	00
		24V	A	20
		48V 60V	A	16
		60V 110V	A	12
		220V	A A	1 0.4
		440V	A	0.4
Power dissipation		440 V		0.6
Mechanical features			••	0.0
Terminals screw				M3
Tightening torque for	terminals max		Nm	0.8
Conductor size				
	AWG - Rigid cable			
	5	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable			
		min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable			
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable		2	
		min	mm²	0.5
Mechanical life		Max	mm²	2.5 1X10 ⁶
UL technical data			cycles	
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25
			° ^	

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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

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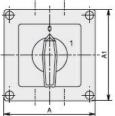
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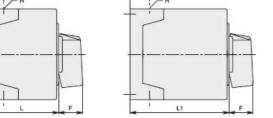
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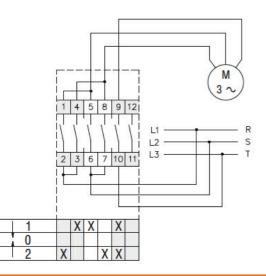
S	Storage tempera	ature					
				min	°C	-40	
				max	°C	+70	
Resistance & Protection							
Frontal IP degree						IP65	
Terminals IP degree						IP20	
Dimensions [mm (in)]							
× ×	M→ ⊂ B		™ ~ в	C1 >	1		





GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1-3	4 - 7												
GX20		1-3	4 - 7	110	110	00.4	83	4.5	32	21	20.5	05.5	119.5	4xPG21	IDCC
GX32		1 - 2	3 - 4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPG21	IP65
GX40		1 - 2	3-4												

Wiring diagrams



EAC

Certifications and compliance

Compliance

IEC/EN/BS 60947-1	
IEC/EN/BS 60947-3	
IEC/EN/BS 60947-5-1	
IEC/EN/BS 61058-1	

Certificates

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete

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