

**GX2025U47** ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
-			switches GX20
Product type designation General characteristics			GAZU
Switching diagram			25 - 1-phase motor reversing switch with spring return
N° of elements			2
Mounting form Contact characteristics			U47 - Snap on fron mounting with black handle for hole diam. 22mm finxing
Rated insulation voltage Ui			
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp Conventional free air thermal current Ith		kV	6
	IEC/EN UL/CSA	A A	20 15
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	20 20 20
Rated short time current Icw			
	1s	А	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		٨	20
AC15		A	20
	110V 220/230V 380/400V 660/690V	A A A A	10 8 6 1.5
Rated operational power in AC	000/0001	Α	1.0
Three-phase AC-3	220/230V 380/440V	kW kW	3.7 5.5
Circle at a AO O	500/690V	kW	5.5
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.75 1.8 3
Three-phase AC23A	220/230V 380/440V	kW kW	4 7.5
	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75

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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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		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cur	rrent in DC			
	DC21A			
		48V	А	20
		60V	А	20
		110V	А	4
		220V	А	0.6
		440V	А	0.25
	DC23A (poles in series)			
	х. , , , , , , , , , , , , , , , , , , ,	24V	А	20 (1)
		48V	А	20 (2)
		60V	А	20 (3)
		110V	А	10 (3)
		220V	А	8 (4)
	DC13			- ( )
		24V	А	20
		48V	A	16
		40V 60V	A	12
		110V	A	1
		220V	A	0.4
		220V 440V	A	0.4 0.15
Dower dissinction		440 V	 	0.6
Power dissipation Mechanical features			VV	0.6
Terminals screw				M3
	terminale may		Nm	
Tightening torque for			Nm	0.8
Conductor size				
	AWG - Rigid cable			
		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			
		min	mm²	0.5
		Max	mm²	2.5
Mechanical life			cycles	1X10 <sup>6</sup>
UL technical data				
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				1.0
Temperature				
remperature	Operating temperature			
	Operating temperature	<b>m</b> in	°C	-25
		min	0	-20

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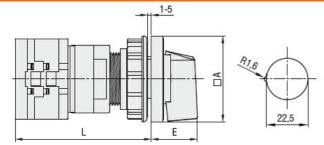


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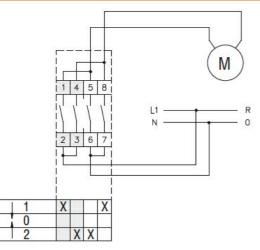
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
Resistance & Protection				
Frontal IP degree			IP65	
Terminals IP degree			IP20	
Dimensions				

Dimensions



Series	Dimensions			L			
	□A	E	1	2	3	8	
GX16	48	26.5	64.9	73.4	81.9	124.4	
GX20	48	26.5	64.9	73.4	81.9	124.4	

## Wiring diagrams



## Certifications and compliance

## Compliance

Compliance		
	CSA C22.2 n° 14	
	IEC/EN/BS 60947-1	
	IEC/EN/BS 60947-3	
	IEC/EN/BS 60947-5-1	
	IEC/EN/BS 61058-1	
	UL60947-4-1	
Certificates		
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC001029 - Selector switch, complete

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