

**GX1625O48** ROTARY CAM SWITCH GX SERIES, 1-PHASE MOTOR REVERSING SWITCH WITH SPRING RETURN 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation			Rotary cam
Product type designation			switches GX16
General characteristics			GX10
Switching diagram			25 - 1-phase motor reversing switch with spring return
N° of elements			2
Mounting form Contact characteristics			O48 - Modular service cover for 35mm din rail mounting with black handle
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	16 12
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	16 16 16
Rated short time current Icw			
	1s	А	250
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	16
AC15	110V 220/230V	A A	10 8
	380/400V 660/690V	A A	8 4 1.5
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V	kW kW	3.5 4.5
	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A	220/230V	kW	3.7
	380/440V 500/690V	kW kW	6.5 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 380/440V	kW kW	1.8 3
Rated operational current in DC	300/4401		5
DC21A			
	48V	А	16
	60V	А	16
	110V	А	4
	220V	A	0.6
	440V	A	0.25
DC23A (poles in series)	0.41/	٨	40 (4)
	24V 48V	A	16 (1) 16 (2)
	48V 60V	A A	16 (2) 16 (3)
	110V	A	10 (3)
	220V	A	7 (4)
DC13	2200		7 (4)
0013	24V	А	16
	48V	A	14
	48V 60V	A	10
	110V	A	1
	220V	A	0.4
	440V	A	0.15
Power dissipation		W	0.6
Mechanical features			
Terminals screw			3M
Tightening torque for terminals max		Nm	0.5
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			0.5
	min	mm²	0.5
Conductor size (IEC) Disid coble	Max	mm²	2.5
Conductor size (IEC) - Rigid cable		$mm^2$	0.5
	min Max	mm² mm²	0.5 2.5
Mechanical life	IVIAX	cycles	2.5 1X10 <sup>6</sup>
UL technical data		Cycles	
Motor power for direct-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
Ambient conditions			
Temperature			
Operating temperature	min	°C	-25

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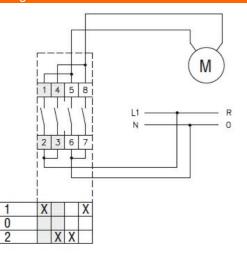
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	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

## 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		
		EC001020 -

ETIM 8.0

EC001029 -Selector switch, complete