

**GX2067O48** ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-PHASE VOLTAGES 20A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Draduct designation				<sup>a</sup> Rotary cam
Product designation				switches
Product type designation				GX20
General characteristics Switching diagram				67 - Voltmeter switch for phase- phase voltages
N° of elements				2
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics	<u>, 11i</u>			
Rated insulation voltage		IEC/EN UL/CSA	V V	690 600
Rated impulse withstan			kV	6
Conventional free air th	ermai current itn	IEC/EN UL/CSA	A A	20 15
Rated operational volta	ge		V	440
Rated operational impu			kV	4
Maximum fuse size for	short-circuit protection In (gG)	10kA 15kA 25kA	A A A	20 20 20
Rated short time curren	t Icw	1s	A	250
Conductivity		15	~	10/5 mA/V
Operational current le IEC/EN				
	AC1/AC21A		A	20
	AC15			
		110V 220/230V 380/400V	A A A	10 8 6
		660/690V	А	1.5
Rated operational powe	er in AC Three-phase AC-3			
		220/230V	kW	3.7
		380/440V 500/690V	kW kW	5.5 5.5
	Single-phase AC-3	500/6907	ĸvv	5.5
	Single-phase AC-3	110V	kW	0.75
		220/230V 380/440V	kW kW	1.8 3
	Three-phase AC23A	30U/44UV	r v v	5
		220/230V	kW	4
		380/440V 500/690V	kW kW	7.5 7.5
	Single-phase AC23A	500/030V	11.11.11	1.0
	- <b>J</b> / P	110V	kW	0.75

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		220/230V	kW	2.2
		380/440V	kW	3.5
Rated operational cur	rrent in DC	300,1101		
	DC21A			
		48V	А	20
		40V 60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	440 V	Λ	0.20
	20207 (poles in series)	24V	А	20 (1)
		24 V 48 V	A	20 (1) 20 (2)
		48V 60V	A	20 (2) 20 (3)
		110V	A	
				10 (3)
	DC12	220V	A	8 (4)
	DC13	0.07		20
		24V	A	20
		48V	A	16
		60V	А	12
		110V	A	1
		220V	A	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for	terminals max		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
		480V 600V	HP	5
	for single-phase motor	0007		5
	for single-phase motor	120V	HP	0.75
				0.75
Ambient conditions		240V	HP	1.5
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

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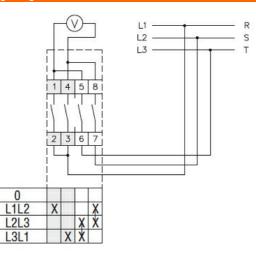
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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	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		

ETIM 8.0

EC001029 -Selector switch, complete