

ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 16A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation			Rotary cam
Product type designation			switches GX16
General characteristics			C/10
Switching diagram			66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements			3
Mounting form			O - Rear mounting with black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	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	kA	250
Conductivity			10/5 mA/V
Operational current le IEC/EN AC1/AC21A		А	16
AC15		7.	10
	110V 220/230V 380/400V	A A A	10 8 4
Rated operational power in AC	660/690V	A	1.5
Three-phase AC-3	220/230V 380/440V	kW kW	3.5 4.5
Single-phase AC-3	500/690V	kW	5.5
Single-phase AC-3	110V 220/230V	kW kW	0.55 1.5
Three phase ACOOA	380/440V	kW	2.2
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	3.7 6.5 7.5
Single-phase AC23A	110V 220/230V	kW kW	0.75 1.8

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		380/440V	kW	3
Rated operational cur				
	DC21A	40)/	٨	4.0
		48V 60V	A A	16 16
		110V	A	4
		220V	A	- 0.6
		440V	A	0.25
	DC23A (poles in series)			0.20
		24V	А	16 (1)
		48V	А	16 (2)
		60V	А	16 (3)
		110V	А	10 (3)
		220V	А	7 (4)
	DC13			
		24V	Α	16
		48V	А	14
		60V	А	10
		110V	А	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw			NL	3M
Tightening torque for	terminais max		Nm	0.5
Conductor size				
	AWG - Rigid cable			20
		min	AWG	20
	AWG - Flexible cable	Max	AWG	12
	AWG - Flexible cable	min	AWG	20
		Max	AWG	12
	Conductor size (IEC) - Flexible cable	IVICA	And	12
		min	mm²	0.5
		Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	THOM:		2.0
		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
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-25

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°C

max

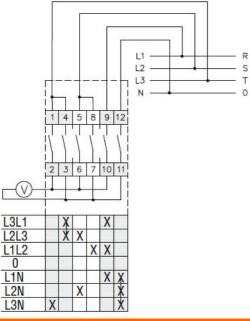
+55



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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

**GX16660** 

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