



ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL AND PHASE-PHASE VOLTAGES 16A, MODULAR SERVICE COVER FOR 35MM DIN REAIL MOUNTING WITH BLACK HANDLE, FRONT PLATE 45X54MM

Product designation				Rotary cam
Product type designation	on			switches GX16
General characteristics				GX10
Switching diagram				66 - Voltmeter switch for phase- neutral and phase-phase voltages
N° of elements				3
Mounting form				O48 - Modular service cover for 35mm din rail mounting with black handle
Contact characteristics				
Rated insulation voltage		IEC/EN UL/CSA	V V	690 600
Rated impulse withstar			kV	6
Conventional free air th	ermal current Ith	IEC/EN UL/CSA	A A	16 12
Rated operational volta	nge		V	440
Rated operational impu	ulse voltage		kV	4
Maximum fuse size for	short-circuit protection In (gG)			
		10kA	Α	16
		15kA	Α	16
B		25kA	A	16
Rated short time currer	nt ICW	4 -	I.Λ	250
Conductivity		1s	kA	250 10/5 mA/V
Operational current le	IFC/FN			10/3 1117/ V
oporational current to	AC1/AC21A			
	7.6 17.62 17.		Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
		660/690V	Α	1.5
Rated operational power				
	Three-phase AC-3	220/230V	J-\\\	2.5
		220/230V 380/440V	kW kW	3.5 4.5
		500/690V	kW	5.5
	Single-phase AC-3	000/0001		
	3 - 1	110V	kW	0.55
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A			
		220/230V	kW	3.7
		380/440V	kW	6.5
	Single phase ACCCA	500/690V	kW	7.5
	Single-phase AC23A			





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			, -	
		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational current in D0		360/4401	KVV	<u>ა</u>
DC21				
DCZT	A	48V	Α	16
		60V		
			A	16
		110V	Α	4
		220V	Α	0.6
		440V	Α	0.25
DC23A	A (poles in series)			
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
DC13				. (.)
2013		24V	Α	16
		48V		
			A	14
		60V	Α	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
rightening torque for terminals	max		Nm	0.5
Conductor size				
	- Rigid cable			
76	rugia cabie	min	AWG	20
		Max	AWG	12
A\A(C)	- Flexible cable	IVIAA	AWG	12
AVVG	- Flexible cable		414/0	00
		min	AWG	20
		Max	AWG	12
Condu	uctor size (IEC) - Flexible cable		AWG	12
Condu	uctor size (IEC) - Flexible cable			0.5
Condu	uctor size (IEC) - Flexible cable	Max	AWG	12
	uctor size (IEC) - Flexible cable	Max min	AWG	0.5
	` '	Max min Max	AWG mm² mm²	0.5 2.5
	` '	Max min Max min	AWG mm² mm² mm²	0.5 2.5 0.5
Condu	` '	Max min Max	AWG mm² mm² mm² mm²	0.5 2.5 0.5 2.5
Condu Mechanical life	` '	Max min Max min	AWG mm² mm² mm²	0.5 2.5 0.5
Condu Mechanical life JL technical data	uctor size (IEC) - Rigid cable	Max min Max min	AWG mm² mm² mm² mm²	0.5 2.5 0.5 2.5
Condu Mechanical life JL technical data Motor power for direct-on-line	uctor size (IEC) - Rigid cable	Max min Max min	AWG mm² mm² mm² mm²	0.5 2.5 0.5 2.5
Condu Mechanical life JL technical data Motor power for direct-on-line	uctor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶
Condu Mechanical life JL technical data Motor power for direct-on-line	uctor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	12 0.5 2.5 0.5 2.5 1X10 ⁶
Condu Mechanical life JL technical data Motor power for direct-on-line	uctor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
Condu Mechanical life JL technical data Motor power for direct-on-line	uctor size (IEC) - Rigid cable	Max min Max min Max	AWG mm² mm² mm² cycles	12 0.5 2.5 0.5 2.5 1X10 ⁶
Condu Mechanical life JL technical data Motor power for direct-on-line	uctor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3
Condu Mechanical life JL technical data Motor power for direct-on-line of three for	uctor size (IEC) - Rigid cable control ee-phase motor	Max min Max min Max 120V 240V 480V	AWG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5
Condu Mechanical life JL technical data Motor power for direct-on-line of for three	uctor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5
Condu Mechanical life JL technical data Motor power for direct-on-line of for three	uctor size (IEC) - Rigid cable control ee-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5
Condu Mechanical life JL technical data Motor power for direct-on-line of for three	uctor size (IEC) - Rigid cable control ee-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5

Temperature

Operating temperature





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	min	°C	-25	
	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

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

EC001105 - Offload switch