GX2068U47



ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL VOLTAGES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

Operation Operation Operation Operation Switching diagram 68 - Voltmeler switch for phase- neutral voltages Switch for phase- neutral voltages N° of elements 2 U47- Switch for phase- neutral voltage U47- Voltmeler Mounting form UL/CSA V 690 Contact characteristics 22000 V 690 Rated insulation voltage Ui IEC/EN V 690 UL/CSA A 15 Conventional free air thermal current th IEC/EN A 20 Rated operational voltage KV 4 Maximum fuse size for short-circuit protection in (gG) 10KA A 20 Rated operational current low 10 25KA A 20 Conductivity 10 s KA 20 20 Rated operational current low 10 20/20230V A 8 200/doct A 10 20/20230V A 8 200/doct A 10 20/20230V A 8 20/202/2020V A 10 2	Product designation Product type designation			Rotary cam switches GX20
Switching diagram switch for phase- neutral voltages N° of elements 2 Mounting form U47 - Snap on from mounting with black handle or hole dam. 22mm finxing Contact characteristics 2 Rated insulation voltage Ui IEC/EN V Rated insulation voltage Uimp kV 6 Conventional free air thermal current ith IEC/EN A 20 Rated operational voltage V 440 A 15 Rated operational voltage kV 4 A 20 IEC/EN A 20 10kA A 20 Rated operational voltage kV 4 4 A Rated operational voltage kV 4 4 Maximum fuse size for short-circuit protection In (gG) 10kA 20 15kA 20 Conductivity 10/S mA/V 0 10/S mA/V 0 20 20 AC15 110V A 10 220/230V A 8 380/400V 8 5 5 50/690V				0,120
Mounting form U47 - Snap on from mounting with black handle 22mm finxing Contact characteristics 22mm finxing Rated insulation voltage Ui IEC/EN V 690 Rated insulation voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 20 Rated operational voltage V 440 4 Rated operational voltage V 440 Rated short time current Icw 15 kA 20 Conductivity 10 kA A 20 Conductivity 10/5 mA/V 0 25kA A 20 AC15 10/V A 10 220/230V A 8 AC16 10/C21A 20 22/230V A 6 Geol/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC 220/230V	Switching diagram			switch for phase-
Mounting formfrom mounting with black handle for hole diam. 22mm finxingContact characteristics Zamm finxingRated insulation voltage UiIEC/ENV6 690 UL/CSAV6Conventional free air thermal current IthIEC/ENV6 600Rated operational voltage UimpKV6Conventional free air thermal current IthIEC/ENA20Tated operational woltageV440Rated operational impulse voltageV440Rated operational impulse voltageV440Tated operational impulse voltageV440Rated short time current low15KA20Conductivity10KAA20AC15110VA10220/230VKW30/440VAC15110VA10220/230VA6660/690VA1.5Rated operational power in ACThree-phase AC-3110VKW0.75220/230VKW3.5Single-phase AC-3110VKW0.75220/230VKW3.8AC1620/230VKW3.8AC15110VKW0.75380/440VKW3.5 </td <td>N° of elements</td> <td></td> <td></td> <td></td>	N° of elements			
IEC/EN V 690 Rated insulation voltage Uimp kV 6 Conventional Ifee air thermal current Ith IEC/EN A 20 UL/CSA A 15 Rated operational voltage V 440 Rated operational voltage KV 4 A 15 Rated operational inpulse voltage KV 4 A 20 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 25kA A 20 Rated short time current lcw 10/5 mA/V 20 25kA A 20 Conductivity 10/5 mA/V 10/5 mA/V 0 20/thmA/V 0 Operational current lcw 4 4 20 4 4 AC1/AC21A A 20 A 5 5 AC1/AC21A A 20 A 5 5 Actificational power in AC 10 220/230V A 8 380/440V 4 380/440V 4 380/440V				fron mounting with black handle for hole diam.
IEC/EN V 690 UL/CSA Rated impulse withstand voltage Uimp KV 6 Conventional free air thermal current Ith IEC/EN A 20 UL/CSA A 15 1<				
Conventional free air thermal current lth IEC/EN A 20 Rated operational voltage V 440 Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1 1 KA 20 Conductivity 10/5 mA/V 00/5 mA/V 0 Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V KW 3.7 380/440V KW 5.5 Single-phase AC-3 110V KW 0.75 220/230V KW 3.7 380/440V KW 3.7 380/440V KW 3.7 380/440V KW 3.5 Single-phase AC-3 10V KW <				
IEC/EN A 20 Rated operational voltage V 440 Rated operational impulse voltage KV 4 Maximum fuse size for short-circuit protection In (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current Icw 1s kA 20 25kA A 20 Conductivity 1s kA 250 20 20/td> 20/tdt<			kV	6
Rated operational impulse voltage kV 4 Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 15kA A 20 Rated short time current lcw 1s kA 250 25kA A 20 Conductivity 1s kA 250 10/5 mA/V 0/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 220/230V A 8 380/400V A 10 220/230V A 8 380/400V A 6 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.8 380/440V kW 3.5 Single-phase AC23A 220/230V kW 1.8 380/440V kW 3.5 Single-phase AC23A 220/230V kW 4 3	Conventional free air thermal current Ith			
Maximum fuse size for short-circuit protection ln (gG) 10kA A 20 15kA A 20 25kA A 20 Rated short time current low 1s kA 250 250 Conductivity 1s kA 250 250 Operational current le IEC/EN AC1/AC21A 4 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 10 220/230V A 8 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.8 380/440V kW 3.8 Three-phase AC23A 220/230V kW 4 380/440V kW 3.5 Single-phase AC23A 220/230V kW 4 380/440V kW <	Rated operational voltage		V	440
10kA A 20 15kA A 20 Rated short time current low 1s kA 20 Conductivity 1s kA 250 Operational current le IEC/EN 10/5 mA/V 0/5 mA/V AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 15 15 15 Rated operational power in AC Three-phase AC-3 220/230V KW 3.7 380/40V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3.5 380/440V kW 3.5 Single-phase AC-3 110V kW 4 380/440V kW 3.5 Single-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 220/230V kW 4			kV	4
1s kA 250 Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Three-phase AC-3 220/230V KW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 500/690V K		15kA	А	20
Conductivity 10/5 mA/V Operational current le IEC/EN AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 110V kW 0.75 220/230V kW 4 380/440V kW 3 110V kW 7.5 500/690V kW 7.5 Single-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 500/690V kW 7.5	Rated short time current Icw			
Operational current le IEC/EN A 20 AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 7		1s	kA	
AC1/AC21A A 20 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 1.5 1.5 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 1 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 4 380/440V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 500/690V kW 7.5				10/5 MA/ V
AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 5 <t< td=""><td>•</td><td></td><td>А</td><td>20</td></t<>	•		А	20
220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A Z20/230V kW 220/230V kW 4 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 7.5 Single-phase AC23A	AC15			
Rated operational power in AC Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 110V kW 0.75		220/230V	А	8
Three-phase AC-3 220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 0.75 Single-phase AC23A		660/690V	A	1.5
220/230V kW 3.7 380/440V kW 5.5 Single-phase AC-3 110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 Single-phase AC23A 110V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75 500/690V kW 7.5				
110V kW 0.75 220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	mee-phase AC-3	380/440V	kW	5.5
220/230V kW 1.8 380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Single-phase AC-3			
380/440V kW 3 Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
Three-phase AC23A 220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
220/230V kW 4 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Three phone AC22A	380/440V	kW	3
380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.75	Inree-phase AC23A	220/230\/	k\\/	Λ
500/690V kW 7.5 Single-phase AC23A 110V kW 0.75				
Single-phase AC23A 110V kW 0.75				
	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



OVALO ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL VOLTAGES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

		380/440V	kW	3.5
Rated operational cur				
	DC21A			
		48V	A	20
		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
	DC23A (poles in series)	0.01/		00 (1)
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
	DC13	0.01/		
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	А	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Fightening 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 ⁶
JL 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		2.01		
Temperature				
	Operating temperature			
	operating temperature	min	°C	-25
			°0	20

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°C

max

+55

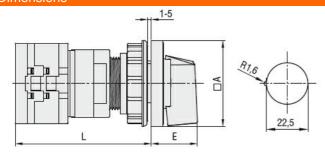
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ENERGY AND AUTOMATION

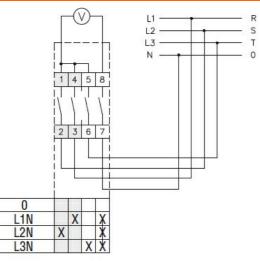
GX2068U47 ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL VOLTAGES 20A, FOR SNAP ON FRONT MOUNTING WITH BLACK HANDLE FOR HOLE Ø22MM FIXING, FRONT PLATE 48X48MM

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