electric ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL VOLTAGES 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM **ENERGY AND AUTOMATION**

General characteristics 68 - Voltmeter Switching diagram switch for phase- neutral voltages	Product designation				Rotary cam switches
Switching diagram Switching diagram Switch for phase-neutral voltages N° of elements 2 1 1 1 1 1 1 1 1 1					GX40
Switch for plages switch for plages N° of elements 2 Mounting form U - Front wounting with black handle Contact characteristics Rated insulation voltage Ui IEC/EN V 690 Rated impulse withstand voltage Uimp KV 600 Conventional rere air thermal current Ith IEC/EN A 400 Rated operational voltage KV 440 Rated operational impulse voltage KV 440 Maximum fuse size for short-circuit protection In (gG) 10kA A 40 A 35 25kA A 35 Rated short time current Icw 1 s kA 1000 Conductivity 1 s kA 1000 Conductivity 1 s kA 40 AC1/AC21A A 25 AC1/AC21A A 25 AC1/AC21A A 25 AC1/AC21A A 25 AC16 380/4400 kW 7.5	General characteristics				CO Valturator
Mounting form U-Front mounting with black handle Contact characteristics Rated insulation voltage Ui Rated impulse withstand voltage Uimp Rated impulse withstand voltage Uimp Rated operational lyoltage Rated operational impulse voltage Rated operational impulse voltage Rated operational impulse voltage Rated operational impulse voltage Rated short time current lcw Rated short time c	Switching diagram				switch for phase-
Mounting form Mounting with black handle Mounting with black handle Mounting with black handle Mounting with stand to voltage Uir Mounting with stand voltage Wounting with stand with st	N° of elements				
Contact characteristics Rated insulation voltage Ui IEC/EN V 690 MU/CSA A 40					
Contact characteristics Rated insulation voltage UI IEC/EN UL/CSA V 600 Rated impulse withstand voltage Uimp kV 6 Conventional free air thermal current Ith IEC/EN A 40 UL/CSA A 40 A 40 Rated operational voltage V 440 Rated operational impulse voltage I 10kA A 35 Maximum fuse size for short-circuit protection In (gG) 1 10kA A 35 Rated short time current Icw 1 8 M 1000 Conductivity 1 10/5 mA/V Operational current Ie IEC/EN AC1/AC21A A 40 AC15 1 110V A 25 25 220/230V A 22 220/230V A 22 22 380/400V A 12 26 20/230V KW 15 Single-phase AC-3 1 10V KW 2.2 2 Single-phase AC-3 1 10V KW 2.2 2 Rated operational power in AC 1 10V KW 15 3 Three-phase AC-3 2 20/230V KW 15 15 Single-phase AC-3 1 10V KW 2.2 4 2 2 20/230V KW 15 4 380/440V KW 7.5 Single-phase AC-23A 1 10V KW 3	Mounting form				
Rated insulation voltage Uimp IEC/EN V 690 UI/CSA V 600 Rated impulse withstand voltage Uimp IEC/EN A 40 Conventional free air thermal current lith IEC/EN A 40 Rated operational voltage V 440 Rated operational impulse voltage V 440 Rated operational impulse voltage V 40 Rated operational impulse voltage V 40 Rated six A 35 Rated short time current low 15 KA 35 Rated short time current low 18 KA 1000 Conductivity 10/5 mA/V Operational current I EEC/EN A 40 AC1/AC21A A 40 AC15 110V A 25 220/230V A 22 380/400V A 12 680/690V A 2 Rated operational power in AC Three-phase AC-3 Rated operational power in AC 220/230V KW 15 Single-phase AC-3 110V KW 2.2 220/230V KW 7.5 AC1/EN AC23A 220/230V KW 9 380/440V KW 15 Single-phase AC23A 380/440V KW 15 Single-phase AC23A 380/440V KW 15 Single-phase AC23A 220/230V KW 9 380/440V KW 15 Single-phase AC23A 110V KW 3 220/230V KW 5.2 380/440V KW 5.2					black handle
IEC/EN V 690		u.			
Bated impulse withstand voltage Ulimp	Rated insulation voltage	UI	IEO/EN		000
Rated impulse withstand voltage Ulimp					
Conventional free air thermal current lth			UL/CSA		
Rated operational voltage V				kV	6
Rated operational voltage V 440	Conventional free air the	rmal current Ith			
Rated operational woltage			= -		
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG) 10kA A 40 15kA A 35 25kA A 35 Rated short time current Icw 1s kA 1000 Conductivity 1s kA 1000 Conductivity AC1/AC21A AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 15 Single-phase AC23A 220/230V kW 7.7 Three-phase AC23A 220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC23A 220/230V kW 7.5 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 18.5 500/690V kW 15			UL/CSA		
Maximum fuse size for short-circuit protection In (gG) 10kA A 40 15kA A 35 25kA A 35 Rated short time current Icw 1s kA 1000 Conductivity 1s kA 1000 Conductivity AC1/AC21A AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC23A 220/230V kW 9 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 7 Three-phase AC23A 110V kW 2.2 220/230V kW 7 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 14.4 380/440V kW 15 500/690V kW 15 Single-phase AC23A 110V kW 2.2 220/230V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 18.5 500/690V kW 15					
10kA	Rated operational impuls	se voltage		kV	4
15kA	Maximum fuse size for sl	hort-circuit protection In (gG)			
Rated short time current lcw			10kA	Α	40
Rated short time current lcw 1s			15kA	Α	35
Simple-phase AC-3 1000 100/5 mA/V			25kA	Α	35
Conductivity	Rated short time current	Icw			
Conductivity			1s	kA	1000
Operational current le IEC/EN	Conductivity				
AC1/AC21A AC15 T10V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Single-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC-3 Single-phase AC-3 Three-phase AC-3 Three-phase AC-3 Three-phase AC23A Single-phase AC23A Three-phase AC23A Single-phase AC23A Three-phase AC23A		C/EN			
A 40 AC15 110V	•				
AC15 110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 7 Single-phase AC23A 110V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 9 380/440V kW 15	,	10 17/102171		Α	40
110V A 25 220/230V A 22 380/400V A 12 660/690V A 2 2 2 2 2 2 2 2 2	-	AC15		- , ,	10
220/230V	,	1010	110\/	Δ	25
380/400V					
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 9 380/440V kW 15 Single-phase AC23A 110V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 15				= =	
Rated operational power in AC Three-phase AC-3 220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 15					
Three-phase AC-3 220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 15	Pated apprational newer	in AC	000/090 V		
220/230V kW 7.5 380/440V kW 15 500/690V kW 15 Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7					
380/440V kW 15 500/690V kW 15 Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 3 220/230V kW 5.2 380/440V kW 7.5		illiee-bilase vo-s	220/2201/	L///	7.5
Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5					
Single-phase AC-3 110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 3 220/230V kW 5.2 380/440V kW 7.5					
110V kW 2.2 220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 3 220/230V kW 5.2 380/440V kW 7.5	-	Single phase AC 2	500/090V	KVV	10
220/230V kW 4.4 380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5	``	Single-phase AC-3	4401	1-7.67	2.2
380/440V kW 7 Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5					
Three-phase AC23A 220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5					
220/230V kW 9 380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5	=	Fl	380/440V	KVV	
380/440V kW 18.5 500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5		Inree-phase AC23A			_
500/690V kW 15 Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5					
Single-phase AC23A 110V kW 3 220/230V kW 5.2 380/440V kW 7.5					
110V kW 3 220/230V kW 5.2 380/440V kW 7.5	_		500/690V	kW	15
220/230V kW 5.2 380/440V kW 7.5	;	Single-phase AC23A			
380/440V kW 7.5					
Rated operational current in DC			380/440V	kW	7.5
	Rated operational curren	t in DC			



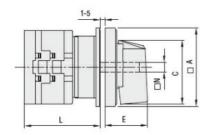
electric ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL VOLTAGES 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM **ENERGY AND AUTOMATION**

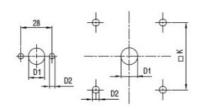
	DC21A			
	502111	48V	Α	40
		60V	A	40
		110V	A	6
		220V	A	0.8
		440V	A	0.25
	DOGGA (realization agrical)	440 V	A	0.25
	DC23A (poles in series)	.		10 (1)
		24V	Α	40 (1)
		48V	Α	40 (1)
		60V	Α	40 (3)
		110V	Α	40 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
		440V	A	0.15
Power dissipation			W	1.6
Mechanical features			VV	1.0
Terminals screw				M4
	was in alle see av		Nine	
Tightening torque for te	eminais max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		Max	AWG	8
	AWG - Flexible cable			
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable			
	Contactor old (indicator)	min	mm²	1.5
		Max	mm²	10
Mechanical life		IVIGA	cycles	1X10 ⁶
UL technical data			Cycles	17/10
	on line control			
Motor power for direct-				
	for three-phase motor	40017	LID	_
		120V	HP	5
		240V	HP	10
		480V	HP	15
		600V	HP	15
	for single-phase motor			
		120V	HP	2
		240V	HP	5
Ambient conditions				
Temperature				
•	Operating temperature			
		min	°C	-25
		max	°C	+55
	Storage temperature	max	°C	+55
	Storage temperature	max min	°C	<u>+55</u> -40

ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GX SERIES, VOLTMETER SWITCH FOR PHASE-NEUTRAL VOLTAGES
40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

	max	°С	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Disconsissor			

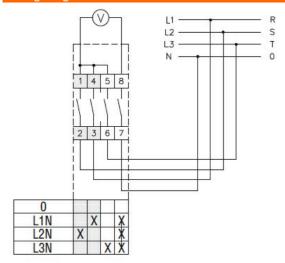




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	Е	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

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