ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 3 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

Product designation				Rotary cam switches
Product type designati				GX16
General characteristics Switching diagram				56 - Changeover switch without 0 3
N° of elements				poles 3
TV OI OIOMONIO				U - Front
Mounting form				mounting with black handle
Contact characteristics				
Rated insulation voltag	e Ui			
		IEC/EN	V	690
Data diamenda a with atom	ad vallaga I Basa	UL/CSA	V	600
Rated impulse withstar Conventional free air th	· · ·		kV	6
Conventional free air tr	nermal current ith	IEC/EN	۸	16
		IEC/EN UL/CSA	A A	16 12
Rated operational volta	200	UL/CSA		440
Rated operational impu	-		kV	4
	short-circuit protection In (gG)		ΚV	
Waximam rase size for	short order proteotion in (go)	10kA	Α	16
		15kA	A	16
		25kA	Α	16
Rated short time curre	nt Icw	<u> </u>		
		1s	kA	250
Conductivity				10/5 mA/V
Operational current le	IEC/EN			
•	AC1/AC21A			
			Α	16
	AC15			
		110V	Α	10
		220/230V	Α	8
		380/400V	Α	4
		660/690V	Α	1.5
Rated operational pow				
	Three-phase AC-3	000/000/		2.5
		220/230V	kW	3.5
		380/440V 500/690V	kW	4.5
	Single-phase AC-3	300/690 V	kW	5.5
	Single-phase AC-3	110V	kW	0.55
		220/230V	kW	1.5
		380/440V	kW	2.2
	Three-phase AC23A	000/1101	1000	
	55 p655 / (626/	220/230V	kW	3.7
		380/440V	kW	6.5
		500/690V	kW	7.5
	Single-phase AC23A			
	- •	110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational curre	ent in DC			

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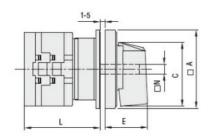
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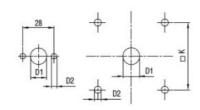
	DC21A				
		48V	Α	16	
		60V	Α	16	
		110V	Α	4	
		220V	Α	0.6	
		440V	A	0.25	
	DC23A (poles in series)	440 V		0.23	
	DC23A (poles in series)	24V	٨	16 (1)	
			A	16 (1)	
		48V	A	16 (2)	
		60V	A	16 (3)	
		110V	A	10 (3)	
		220V	Α	7 (4)	
	DC13				
		24V	Α	16	
		48V	Α	14	
		60V	Α	10	
		110V	Α	1	
		220V	Α	0.4	
		440V	Α	0.15	
Power dissipation			W	0.6	
Mechanical features					
Terminals screw				3M	
Tightening torque for te	erminals max		Nm	0.5	
Conductor size	Similalo max		1 4111	0.0	
Conductor Size	ANC Digid coble				
	AWG - Rigid cable		A1A/O	00	
		min	AWG	20	
		Max	AWG	12	
	AWG - Flexible cable				
		min	AWG	20	
		Max	AWG	12	
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable				
	Conductor size (IEC) - Flexible cable	Max	AWG	12	
		Max min	AWG	0.5	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max	AWG mm² mm²	0.5 2.5	
		Max min Max min	MMG mm² mm²	0.5 2.5 0.5	_
Mechanical life		Max min Max	MMG mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
Mechanical life UL technical data		Max min Max min	MMG mm² mm²	0.5 2.5 0.5	_
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	0.5 2.5 0.5 2.5	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	MMG mm² mm² mm² mm² cycles	0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	MWG mm² mm² mm² cycles	12 0.5 2.5 0.5 2.5 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V	MMG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V	MWG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3	_
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V	MMG mm² mm² mm² cycles HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3	_
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	_
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	MWG mm² mm² mm² cycles HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 1	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	MWG mm² mm² mm² cycles HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 1	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V 240V	MWG mm² mm² mm² cycles HP HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable on-line control for three-phase motor for single-phase motor Operating temperature	Max min Max min Max 120V 240V 480V 600V 120V 240V 240V	MWG mm² mm² mm² cycles HP HP HP HP HP HP	12 0.5 2.5 0.5 2.5 1X10 ⁶ 1.5 3 5 5 0.75 1	

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	max °C +70
Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20
Dimoneione	

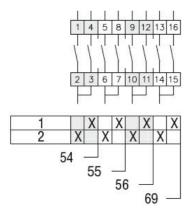




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
Series	□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

EC001105 - Offload switch