

ENERGY AND AUTOMATION



Product designation			Rotary cam
•			switches
Product type designation			GX16
General characteristics			O4 ON/OFF
Switching diagram			91 - ON/OFF switch 2 poles
N° of elements			1
			U - Front
Mounting form			mounting with
			black handle
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	\ /	000
	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp	UL/CSA	kV	6
Conventional free air thermal current Ith		ΚV	
Conventional free all trieffical current far	IEC/EN	Α	16
	UL/CSA	Α	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	16
	15kA	Α	16
D. I.I. of	25kA	Α	16
Rated short time current Icw	4.0	LεΛ	250
Conductivity	1s	kA	250 10/5 mA/V
Conductivity Operational current le IEC/EN			10/5 IIIA/ V
AC1/AC21A			
NO IINOZIN		Α	16
AC15			
	110V	Α	10
	220/230V	Α	8
	380/400V	Α	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/2201/	1.1.0.7	2.5
	220/230V 380/440V	kW kW	3.5 4.5
	500/690V	kW	5.5
Single-phase AC-3	330/030 V	17.4.4	0.0
5g.c F.1000 / 10 0	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A			
	220/230V	kW	3.7

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electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 16A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 48X48MM

		380/440V	kW	6.5
		500/690V	kW	7.5
	Cinale phase AC22A	300/030 V	IX V V	7.5
	Single-phase AC23A	4401/		0.75
		110V	kW	0.75
		220/230V	kW	1.8
		380/440V	kW	3
Rated operational c	urrent in DC			
	DC21A			
		48V	Α	16
		60V	Α	16
		110V	Α	4
		220V	A	0.6
		440V	A	0.25
	DOOOA (salas is as is a)	440 V	A	0.25
	DC23A (poles in series)		_	
		24V	Α	16 (1)
		48V	Α	16 (2)
		60V	Α	16 (3)
		110V	Α	10 (3)
		220V	Α	7 (4)
	DC13			
		24V	Α	16
		48V	A	14
		60V	A	10
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Power dissipation			W	0.6
Mechanical features	3			
Terminals screw				3M
Tightening torque for	or terminals max		Nm	0.5
Conductor size				
00.10.0.0.0.	AWG - Rigid cable			
	AWO Rigid cable	min	AWG	20
		min		
	1	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	max		
	Conductor Size (ILO) - Migid Cable	min	mm²	0.5
		min May	mm²	
B.4		Max	mm²	2.5
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for dire	ect-on-line control			
	for three-phase motor			
		120V	HP	1.5
		240V	HP	3
		480V	HP	5
		600V	HP	5
	for single whose master	0007	ПГ	J
	for single-phase motor			
		120V	HP	0.75
		240V	HP	1

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ENERGY AND AUTOMATION Ambient conditions

Temperature

Operating temperature

max	°C	+55
min	°С	-25

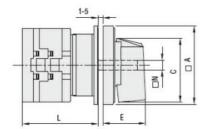
Storage temperature

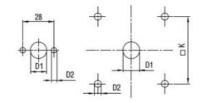
min °C -40 max °C +70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

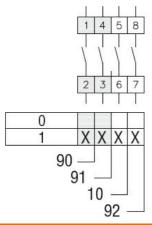




Drillings for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements											
	□A	C	ØD1	ØD2	E	□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





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ETIM 8.0

EC001105 - Offload switch