ENERGY AND AUTOMATION



Product designation			Rotary cam		
-			switches GX40		
Product type designation General characteristics			GX40		
			91 - ON/OFF		
Switching diagram			switch 2 poles		
N° of elements			1		
			U - Front		
Mounting form			mounting with black handle		
Contact characteristics			black flamule		
Rated insulation voltage Ui					
ŭ	IEC/EN	V	690		
	UL/CSA	V	600		
Rated impulse withstand voltage Uimp		kV	6		
Conventional free air thermal current Ith					
	IEC/EN	Α	40		
	UL/CSA	A	40		
Rated operational voltage		V	440		
Rated operational impulse voltage		kV	4		
Maximum fuse size for short-circuit protection In (gG)	101.1	۸	40		
	10kA 15kA	A A	40 35		
	25kA	A	35 35		
Rated short time current Icw	ZOIVA		33		
Talou onon amo ounon lon	1s	Α	1000		
Conductivity			10/5 mA/V		
Operational current le IEC/EN					
AC1/AC21A					
		Α	40		
AC15					
	110V	Α	25		
	220/230V	Α	22		
	380/400V	A	12		
Poted appretional power in AC	660/690V	A	2		
Rated operational power in AC					
Three-phase AC-3	220/230V	kW	7.5		
	380/440V	kW	7.5 15		
	500/690V	kW	15		
Single-phase AC-3					
39.c F 6	110V	kW	2.2		
	220/230V	kW	4.4		
	380/440V	kW	7		
Three-phase AC23A					
	220/230V	kW	9		

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM **ENERGY AND AUTOMATION**

		380/440V	kW	18.5
		500/690V	kW	15
	Cingle phase ACCOA	300/030 V	IXVV	10
	Single-phase AC23A			
		110V	kW	3
		220/230V	kW	5.2
		380/440V	kW	7.5
Rated operational co	urrent in DC			
rtated operational of				
	DC21A			
		48V	Α	40
		60V	Α	40
		110V	Α	6
		220V	Α	0.8
		440V	Α	0.25
	DC23A (poles in series)			
		24V	Α	40 (1)
		48V	Α	40 (1)
		60V	A	40 (3)
		110V	Α	40 (3)
		220V	Α	12 (4)
	DC13	<u> </u>		
		24V	Α	40
		48V		
			A	32
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Power dissipation		1.01	W	1.6
			VV	1.0
Mechanical features				
Terminals screw				M4
Tightening torque fo	r terminals max		Nm	1.2
Conductor size				
	AWG - Rigid cable			
		min	AWG	16
		min Max		16 8
			AWG	
	AWG - Rigid cable	Max	AWG AWG	8
	AWG - Rigid cable	Max min	AWG AWG	16
	AWG - Rigid cable AWG - Flexible cable	Max	AWG AWG	8
	AWG - Rigid cable	Max min	AWG AWG AWG	16 10
	AWG - Rigid cable AWG - Flexible cable	Max min	AWG AWG	16
	AWG - Rigid cable AWG - Flexible cable	Max min Max min	AWG AWG AWG AWG	16 10 1.5
	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max	AWG AWG AWG	16 10
	AWG - Rigid cable AWG - Flexible cable	Max min Max min Max	AWG AWG AWG AWG	16 10 1.5 6
	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6
Conductor size	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6 1.5
	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6
Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6 1.5
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6 1.5
Conductor size Mechanical life	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6 1.5
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min	AWG AWG AWG AWG mm² mm²	8 16 10 1.5 6 1.5
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10°
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10°
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max min Max min Max 120V 240V 480V 600V	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15
Conductor size Mechanical life UL technical data	AWG - Rigid cable AWG - Flexible cable Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable ect-on-line control for three-phase motor	Max min Max min Max min Max 120V 240V 480V	AWG AWG AWG AWG mm² mm² cycles	8 16 10 1.5 6 1.5 10 1X10 ⁶ 5 10 15
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WITH BLACK HANDLE, FRONT PLATE 65X65MM

Ambient conditions

ENERGY AND AUTOMATION

Temperature

Operating temperature

max	°C	+55
min	°С	-25

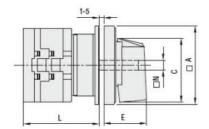
Storage temperature

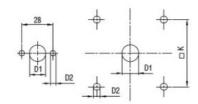
min °C -40 max °C +70

Resistance & Protection

Frontal IP degree IP65
Terminals IP degree IP20

Dimensions

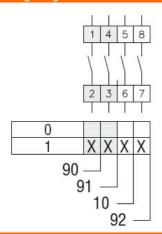




Drillings for 4 screws fixing (4V version).

Series	Dimensions							L Number of elements											
	□A	С	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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GX4091U

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 2 POLES 40A, FOR FRONT MOUNTING
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ETIM 8.0

EC001105 - Offload switch