ENERGY AND AUTOMATION

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

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			06 - ON/OFF switch 2 poles
N° of elements			1
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith			
	IEC/EN	A	40
Detail or cretical college	UL/CSA	A V	40
Rated operational voltage		v kV	440
Rated operational impulse voltage Maximum fuse size for short-circuit protection In (gG)		KV	4
Maximum ruse size for short-circuit protection in (go)	10kA	Α	40
	15kA	A	35
	25kA	Α	35
Rated short time current Icw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
		Α	40
AC15			
	110V	A	25
	220/230V	A	22
	380/400V 660/690V	A A	12 2
Rated operational power in AC	000/0901		2
Three-phase AC-3			
Times phase No s	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	000/0001/	1.3.8.7	0
	220/230V	kW	9
	380/440V 500/690V	kW kW	18.5 15
Single-phase AC23A	300/0807	r v v	10
Sillyle-pilase ACZSA	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5

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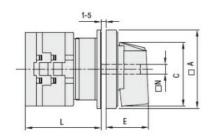
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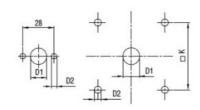
	DCC4.A				
	DC21A	40\/	۸	40	
		48V	A	40	
		60V	A	40	
		110V	A	6	
		220V 440V	A	0.8 0.25	
	DC22A (polos in sorios)	440 V	Α	0.25	
	DC23A (poles in series)	24V	۸	40 (4)	
		48V	A	40 (1)	
		60V	A A	40 (1)	
		110V	A	40 (3)	
		220V	A	40 (3) 12 (4)	
	DC13	220 V		12 (4)	
	DC13	24V	Α	40	
		48V	A	32	
		60V	A	16	
		110V	A	3	
		220V	A	0.5	
		440V		0.3	
Dower dissination		440 V	— A W	1.6	
Power dissipation Mechanical features			VV	1.0	
Terminals screw				M4	
Tightening torque for te	erminale may		Nm	1.2	
Conductor size	SITIIII als III ax		INIII	1.2	
Conductor Size	AVAC Digid coble				
	AWG - Rigid cable	min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable	IVIAX	AVVG	0	
	AVVG - Flexible cable		414/0	4.0	
		min			
		min Mov	AWG	16	
	Conductor size (IEC) Flevible coble	min Max	AWG	10	
	Conductor size (IEC) - Flexible cable	Max	AWG	10	
	Conductor size (IEC) - Flexible cable	Max min	AWG	1.5	
		Max	AWG	10	
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	Max min Max	AWG mm² mm²	1.5 6	
		Max min Max min	AWG mm² mm² mm²	1.5 6 1.5	
Mochanical life		Max min Max	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0	
Mechanical life		Max min Max min	AWG mm² mm² mm²	1.5 6 1.5	_
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0	
	Conductor size (IEC) - Rigid cable on-line control	Max min Max min	MMG mm² mm² mm² mm²	1.5 6 1.5 1.0	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	MMG mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max	AWG mm² mm² mm² cycles	1.5 6 1.5 10 1X10 ⁶	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	1.5 6 1.5 10 1X10 ⁶ 5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max 120V 240V 480V	MWG mm² mm² mm² cycles HP HP	1.5 6 1.5 10 1X10 ⁶ 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V	AWG mm² mm² mm² cycles HP HP	1.5 6 1.5 10 1X10 ⁶ 5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max 120V 240V 480V 600V	MWG mm² mm² mm² cycles HP HP HP	10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
UL technical data	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	10 1.5 6 1.5 10 1X10° 5 10 15 15 2	
UL technical data Motor power for direct-o	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	10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V	AWG mm² mm² mm² cycles HP HP HP HP	10 1.5 6 1.5 10 1X10° 5 10 15 15 2	
UL technical data Motor power for direct-o	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	AWG mm² mm² mm² cycles HP HP HP HP	10 1.5 6 1.5 10 1X10° 5 10 15 15 2	
UL technical data Motor power for direct-order Ambient conditions	Conductor size (IEC) - Rigid cable on-line control for three-phase motor	Max min Max min Max 120V 240V 480V 600V 120V 240V	AWG mm² mm² mm² cycles HP HP HP HP HP	10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15 2 5	
UL technical data Motor power for direct-order Ambient conditions	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	AWG mm² mm² mm² cycles HP HP HP HP HP	10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15 2 5	
UL technical data Motor power for direct-order Ambient conditions	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	AWG mm² mm² mm² cycles HP HP HP HP HP	10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15 2 5	
UL technical data Motor power for direct-order Ambient conditions	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	AWG mm² mm² mm² cycles HP HP HP HP HP	10 1.5 6 1.5 10 1X10 ⁶ 5 10 15 15 2 5	

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

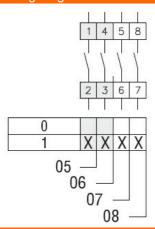




Drillings for 4 screws fixing (4V version).

Series	Dimensions						L Number of elements												
	□A	C	ØD1	ØD2	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