ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			05 - ON/OFF switch 1 pole
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	Α	40
	UL/CSA	<u> </u>	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	٨	40
	15kA	A A	40 35
	25kA	A	35 35
Rated short time current lcw	ZJKA		33
realed short time deficit low	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	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	/		
	220/230V	kW	7.5
	380/440V	kW	15 15
Single-phase AC-3	500/690V	kW	15
Siligie-pliase AC-3	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A	330/ TTO V		•
00020	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

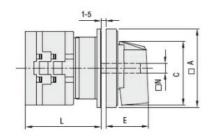
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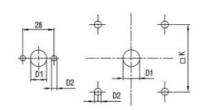
	DC24 A				
	DC21A	48V	۸	40	
		60V	A A	40	
		110V	A	6	
		220V	A	0.8	
		220V 440V			
	DC22A (nologin poriog)	440 V	Α	0.25	_
	DC23A (poles in series)	241/	^	40 (4)	
		24V	A	40 (1)	
		48V	A	40 (1)	
		60V 110V	A	40 (3)	
			A	40 (3)	
	DC42	220V	Α	12 (4)	_
	DC13	241/	۸	40	
		24V	A	40	
		48V	A	32	
		60V	A	16	
		110V	A	3	
		220V	Α	0.5	
		440V	A	0.15	
Power dissipation			W	1.6	
Mechanical features					
Terminals screw				M4	
Tightening torque for to	erminals 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	Max	AWG	10	_
	Conductor size (IEC) - Flexible cable	Max min	AWG mm²	1.5	
	Conductor size (IEC) - Flexible cable				_
	Conductor size (IEC) - Flexible cable Conductor size (IEC) - Rigid cable	min	mm²	1.5	_
		min	mm²	1.5	_
		min Max	mm² mm²	1.5 6	
Mechanical life		min Max min	mm² mm²	1.5 6 1.5	_
Mechanical life UL technical data		min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max	mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 ⁶	_
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max	mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 ⁶	_
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max 120V 240V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 ⁶ 5	
UL technical data	Conductor size (IEC) - Rigid cable -on-line control	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	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	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	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	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	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	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 ⁶ 5 10 15 15	
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	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP HP	1.5 6 1.5 10 1X10 ⁶ 5 10 15 15 2 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable -on-line control for three-phase motor for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles HP HP HP HP HP HP	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			

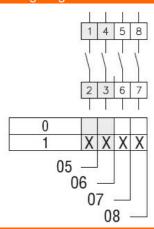




Drillings for 4 screws fixing (4V version).

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