ENERGY AND AUTOMATION

ROTARY CAM SWITCH GX SERIES, AMMETER SWITCH 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			97 - Ammeter switch
N° of elements			5
Mounting form			U - Front mounting with black handle
Contact characteristics			black Harlaic
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
D	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	401.4	Λ	40
	10kA 15kA	A A	40 35
	25kA	A	35 35
Rated short time current Icw	ZUKA		30
reated short time current low	1s	kA	1000
Conductivity	13	10.1	10/5 mA/V
Operational current le IEC/EN			. 0, 0 , 0 v
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
Single phase AC 2	500/690V	kW	15
Single-phase AC-3	110V	L///	2.2
	220/230V	kW kW	2.2 4.4
	380/440V	kW	4.4 7
Three-phase AC23A	300/ 11 0 V	IVVV	
Tilloo pilaoo Nozon	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

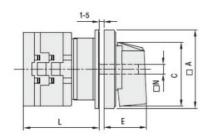
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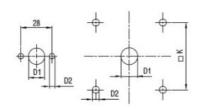
	DC21A				
	DCZTA	48V	Α	40	
		60V	A	40	
		110V	A	6	
		220V	A	0.8	
		440V	A	0.25	
	DC23A (poles in series)			0.20	
	(F	24V	Α	40 (1)	
		48V	Α	40 (1)	
		60V	Α	40 (3)	
		110V	Α	40 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	Α	40	
		48V	Α	32	
		60V	Α	16	
		110V	Α	3	
		220V	Α	0.5	
		440V	Α	0.15	
Power dissipation			W	1.6	
Mechanical features					
Terminals screw				M4	
Tightening torque for te	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				
		min	mm²	1.5	
		Max	mm²	6	
	0 ((EQ) DIII				
	Conductor size (IEC) - Rigid cable		2		
	Conductor size (IEC) - Rigid cable	min	mm²	1.5	
Mach original life	Conductor size (IEC) - Rigid cable	min Max	mm²	10	
Mechanical life	Conductor size (IEC) - Rigid cable				
UL technical data			mm²	10	
	on-line control		mm²	10	
UL technical data		Max	mm² cycles	10 1X10 ⁶	
UL technical data	on-line control	Max 120V	mm² cycles	10 1X10 ⁶	
UL technical data	on-line control	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 5 10	
UL technical data	on-line control	120V 240V 480V	mm² cycles HP HP HP	10 1X10 ⁶ 5 10 15	
UL technical data	on-line control for three-phase motor	120V 240V	mm² cycles HP HP	10 1X10 ⁶ 5 10	
UL technical data	on-line control	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-order Ambient conditions	on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-order Ambient conditions	on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-order Ambient conditions	on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP	10 1X10 ⁶ 5 10 15 15	
UL technical data Motor power for direct-order Ambient conditions	on-line control for three-phase motor for single-phase motor	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	10 1X10 ⁶ 5 10 15 15 2 5	
UL technical data Motor power for direct-order Ambient conditions	on-line control for three-phase motor for single-phase motor Operating temperature	120V 240V 480V 600V 120V 240V	mm² cycles HP HP HP HP HP	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

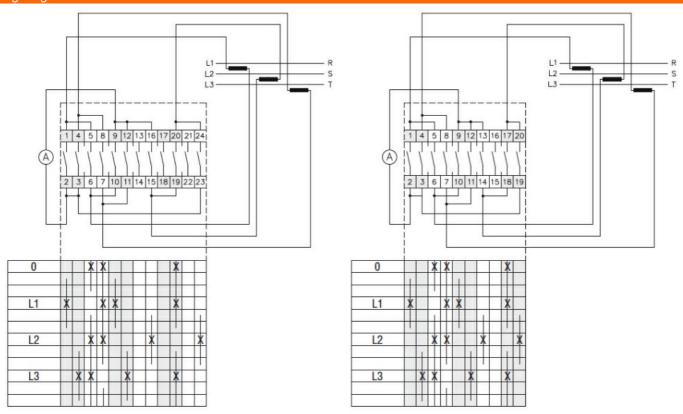




Drillings for 4 screws fixing (4V version).

Corios	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



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GX4097L

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Certificates			
	cULus		
	EAC		

ETIM classification

ETIM 8.0

EC001029 -Selector switch, complete