ENERGY AND AUTOMATION

electric ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 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			82 - Multi-step 1- 2-3 1 pole
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			Sidor Harraro
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	150/51		4.0
	IEC/EN UL/CSA	A	40
Rated operational voltage	UL/C5A	A V	40 440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		100	'
(30)	10kA	Α	40
	15kA	Α	35
	25kA	Α	35
Rated short time current lcw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		Α	40
AC15			40
AOTO	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 500/690V	kW kW	15 15
Single-phase AC-3	300/090 V	KVV	13
Olligie pliase AO 3	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A			
	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A	4401	1 147	2
	110V	kW	3
	220/230V 380/440V	kW kW	5.2 7.5
Rated operational current in DC	300/4407	r v v	1.0

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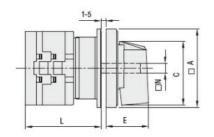
	DC21A			
	DCZTA	48V	Α	40
		60V	A	40
		110V	A	6
		220V	A	0.8
		440V	A	0.25
	DC23A (poles in series)			
	(p = 100 m = 00 m = 0)	24V	Α	40 (1)
		48V	Α	40 (1)
		60V	Α	40 (3)
		110V	Α	40 (3)
		220V	Α	12 (4)
	DC13			
		24V	Α	40
		48V	Α	32
		60V	Α	16
		110V	Α	3
		220V	Α	0.5
		440V	Α	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for te	rminals 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
	Conductor size (IEC) - Rigid cable		2	4 =
		min	mm²	1.5
Maril and all Pf		Max	mm²	10
Mechanical life UL technical data			cycles	1X10 ⁶
OL lechilical data				
Motor power for direct-	on-line control			
Motor power for direct-o				
Motor power for direct-o	on-line control for three-phase motor	120\/	HP	5
Motor power for direct-o		120V 240V	HP HP	5 10
Motor power for direct-o		240V	HP	10
Motor power for direct-o		240V 480V	HP HP	10 15
Motor power for direct-o	for three-phase motor	240V	HP	10
Motor power for direct-o		240V 480V 600V	HP HP HP	10 15 15
Motor power for direct-o	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15
	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15
Ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15
	for three-phase motor for single-phase motor	240V 480V 600V	HP HP HP	10 15 15
Ambient conditions	for three-phase motor	240V 480V 600V	HP HP HP	10 15 15
Ambient conditions	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	10 15 15 2 5
Ambient conditions	for three-phase motor for single-phase motor	240V 480V 600V 120V 240V	HP HP HP HP	10 15 15 2 5
Ambient conditions	for three-phase motor for single-phase motor Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	10 15 15 2 5

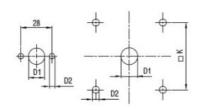


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	max	°С	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree	•		IP20
Dimonsions			

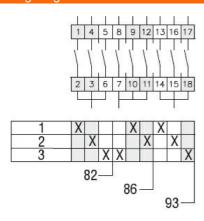




Drillings for 4 screws fixing (4V version).

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