ENERGY AND AUTOMATION

GX4092U electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM



Product designation				Rotary cam
Product type designat	tion			switches GX40
General characteristic				0/40
Switching diagram				92 - ON/OFF
				switch 4 poles
N° of elements				2
Mounting form				U - Front
Mounting form				mounting with black handle
Contact characteristic	S			Black Handle
Rated insulation voltage				
·	5	IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withsta			kV	6
Conventional free air t	hermal current Ith			
		IEC/EN	А	40
		UL/CSA	A	40
Rated operational volt	-		V	440
Rated operational imp			kV	4
Maximum fuse size fo	r short-circuit protection In (gG)			
		10kA	A	40
		15kA	A	35
Rated short time curre	ont low	25kA	A	35
Rated Short time cure		1s	kA	1000
Conductivity		13	N/A	10/5 mA/V
Operational current le	IEC/EN			10/0 11/ 0 0
oporational outront to	AC1/AC21A			
			А	40
	AC15			
		110V	А	25
		220/230V	А	22
		380/400V	А	12
		660/690V	A	2
Rated operational pov				
	Three-phase AC-3			
		220/230V	kW	7.5
		380/440V	kW	15
	Single-phase AC-3	500/690V	kW	15
	Single-phase AC-3	110V	kW	2.2
		220/230V	kW	4.4
		380/440V	kW	7
	Three-phase AC23A	000,1101		
	F	220/230V	kW	9
		-		

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		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
Rated operational cur	rrent in DC			
	DC21A			
	00217	48V	А	40
		48 V 60 V	A	40
		110V	A	6
		220V	A	0.8
	· · · · · · · · · · · · · · · · · · ·	440V	A	0.25
	DC23A (poles in series)			
		24V	А	40 (1)
		48V	А	40 (1)
		60V	Α	40 (3)
		110V	А	40 (3)
		220V	А	12 (4)
	DC13			
		24V	А	40
		48V	A	32
		40V 60V	A	16
		110V	A	3
		220V		
			A	0.5
<u> </u>		440V	A	0.15
Power dissipation			W	1.6
Mechanical features				
Terminals screw				M4
Tightening torque for	terminals 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	THUX	,	. •
		min	mm²	1.5
		Max	mm²	6
	Conductor size (IEC) - Rigid cable	<u>.</u>	2	4 5
		min	mm²	1.5
		Max	mm²	10
Mechanical life			cycles	1X10 ⁶
UL technical data				
Motor power for direc	t-on-line control			
	for three-phase motor			
		120V	HP	5
		240V	HP	10
		240V 480V	HP HP	10 15
		480V	HP	15
	for single-phase motor			
	for single-phase motor	480V 600V	HP HP	15 15
	for single-phase motor	480V	HP	15

GX4092U

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WITH BLACK HANDLE, FRONT PLATE 65X65MM

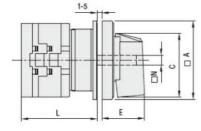
Ambient conditions

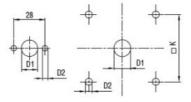
Temperature

Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	
	max	°C	+70	
ction				
			IP65	
9			IP20	

Terminals IP degree Dimensions

Resistance & Protect Frontal IP degree

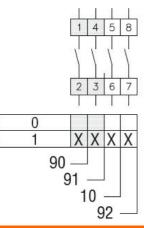




Drillings for 4 screws fixing (4V version).

Carias	Dimensions							L Number of elements											
Series	□A	С	ØD1	ØD2	E	□K	۵N	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

Complianc	e	
	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	3	
	cULus	
	EAC	
ETIM class	sification	
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ETIM 8.0

EC001105 - Offload switch