

GX4098U 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			98 - Ammeter switch
N° of elements			3
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	А	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current Icw			1000
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A		А	40
AC15		A	40
AC15	110V	А	25
	220/230V	A	23
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC	000,0001		-
Three-phase AC-3			
	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			
	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A			
	110V	kW	3
	220/230V	kW	5.2
Rated operational current in DC	380/440V	kW	7.5

Rated operational current in DC

GX4098U

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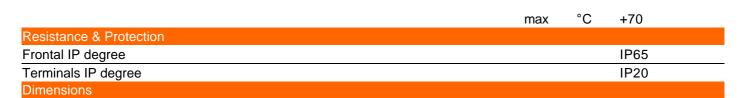
DC21A

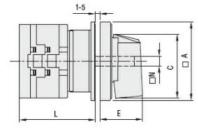
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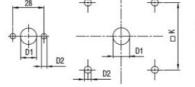
		48V	А	40	
		60V	A	40	
		110V	A	6	
		220V	A	0.8	
		440V	A	0.25	
	DC23A (poles in series)				
		24V	А	40 (1)	
		48V	А	40 (1)	
		60V	А	40 (3)	
		110V	А	40 (3)	
		220V	А	12 (4)	
	DC13			()	
		24V	А	40	
		48V	A	32	
		40V 60V	A	16	
		110V	A	3	
		220V	А	0.5	
		440V	A	0.15	
Power dissipation			W	1.6	
Mechanical features					
Terminals screw				M4	
Tightening torque for t	erminals max		Nm	1.2	
Conductor size					
	AWG - Rigid cable				
	5	min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable	max	/0	0	
	AWO - I lexible cable	min	AWG	16	
				16	
		Max	AWG	10	
	Conductor size (IEC) - Flexible cable				
		min	mm²	1.5	
		Max	mm²	6	
	Conductor size (IEC) - Rigid cable				
		min	mm²	1.5	
		Max	mm²	10	
Mechanical life			cycles	1X10 ⁶	
UL technical data					
Motor power for direct	-on-line control				
·	for three-phase motor				
		120V	HP	5	
				10	
			HP		
		240V	HP		
		240V 480V	HP	15	
		240V			
	for single-phase motor	240V 480V 600V	HP HP	15 15	
	for single-phase motor	240V 480V 600V 120V	HP HP HP	15 15 2	
	for single-phase motor	240V 480V 600V	HP HP	15 15	
Ambient conditions	for single-phase motor	240V 480V 600V 120V	HP HP HP	15 15 2	
Ambient conditions Temperature	for single-phase motor	240V 480V 600V 120V	HP HP HP	15 15 2	
	for single-phase motor	240V 480V 600V 120V	HP HP HP	15 15 2	
		240V 480V 600V 120V 240V	HP HP HP	15 15 2 5	
		240V 480V 600V 120V 240V min	HP HP HP HP	15 15 2 5 -25	
	Operating temperature	240V 480V 600V 120V 240V	HP HP HP HP	15 15 2 5	
		240V 480V 600V 120V 240V min	HP HP HP HP	15 15 2 5 -25	



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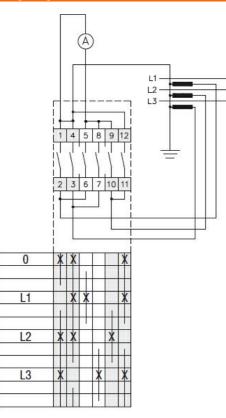
Drillings for 4 screws fixing (4V version).

Series	Dimensions				L Number of elements														
Selles	□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

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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	

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



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Certificates		
	cULus	
	EAC	
ETIM classification	n	
		EC001029 -
ETIM 8.0		Selector switch,

Selector switch, complete