

# ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 2 POLES 40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation			GX40
General characteristics			
Switching diagram			124 - Multi-step 0-1-2-3 2 poles
N° of elements			3
Mounting form			P - Plastic enclosure with
			black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Data Para Jan Mata Lakara Para	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEO/EN	۸	40
	IEC/EN UL/CSA	A A	40 40
Rated operational voltage	UL/CSA		440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ΚV	<b>-</b>
Waximum ruse size for short chedit protection in (go)	10kA	Α	40
	15kA	Α	35
	25kA	Α	35
Rated short time current Icw			
	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	000/0001	1.3.8.7	7.5
	220/230V	kW	7.5
	380/440V 500/690V	kW kW	15 15
Single-phase AC-3	300/0901	KVV	13
Single-phase AC-3	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
Three-phase AC23A	000/1101	1000	,
7.1100 p.1000 7.102071	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
Single-phase AC23A			
<b>5</b> .	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	
		May	mm²	6	
	0 1 ( 1 (150) 5111 11	Max		6	
	Conductor size (IEC) - Rigid cable				
	Conductor size (IEC) - Rigid cable	min	mm²	1.5	
Machaniaellife	Conductor size (IEC) - Rigid cable		mm² mm²	1.5 10	
Mechanical life	Conductor size (IEC) - Rigid cable	min	mm²	1.5	
UL technical data		min	mm² mm²	1.5 10	
	on-line control	min	mm² mm²	1.5 10	
UL technical data		min Max	mm² mm² cycles	1.5 10 1X10 <sup>6</sup>	
UL technical data	on-line control	min Max 120V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup>	
UL technical data	on-line control	min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10	
UL technical data	on-line control	min Max 120V 240V 480V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10 15	
UL technical data	on-line control for three-phase motor	min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10	
UL technical data	on-line control	min Max 120V 240V 480V 600V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data	on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	on-line control for three-phase motor  for single-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-order  Ambient conditions	on-line control for three-phase motor	min Max 120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 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 mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 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	min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 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	min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	



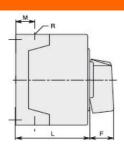
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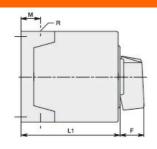
Resistance & Protection
Frontal IP degree

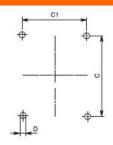
Terminals IP degree

IP20

# N 1 1 V

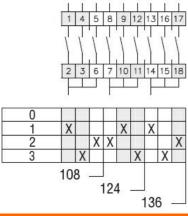






GX16	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		1 - 2	3-5	50	50	15	15	4.0	23	19	30	71.3	30.3	471010	1100
GX16	110x110	1 - 3	4-7												3
GX20		1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX32		1 - 2	3 - 4	110	110	90.4	03	4.5	32	21	39.5	65.5	119.5	4XPGZ1	1100
GX40		1 - 2	3-4												

## Wiring diagrams



### Certifications and compliance

Compliance

IEC/EN/BS 60947-1 IEC/EN/BS 60947-3 IEC/EN/BS 60947-5-1 IEC/EN/BS 61058-1

Certificates

**EAC** 

ETIM classification

**ETIM 8.0** 

EC001029 -Selector switch, complete