



# ROTARY CAM SWITCH GX SERIES, MULTI-STEP 0-1-2-3, 1 POLE 40A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam
-			switches
Product type designation  General characteristics			GX40
Switching diagram			108 - Multi-step 0-1-2-3 1 pole
N° of elements			2
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	IEO/EN	۸	40
	IEC/EN UL/CSA	A A	40 40
Rated operational voltage	OL/CSA		440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		IX V	
Maximum 1400 0120 for orion orional protocolors in (go)	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	44014		
	110V	A	25
	220/230V	A	22
	380/400V 660/690V	A A	12 2
Rated operational power in AC	000/030 (		
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	222	,	•
	220/230V	kW	9
	380/440V 500/690V	kW kW	18.5 15
Single-phase AC23A	500/6907	KVV	10
Single-phase AC23A	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
Rated operational current in DC			





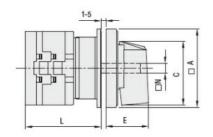
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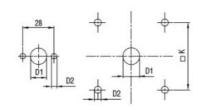
	DC21A				
	DOZIA	48V	Α	40	
		60V	Α	40	
		110V	Α	6	
		220V	Α	0.8	
		440V	Α	0.25	
	DC23A (poles in series)				
	,	24V	Α	40 (1)	
		48V	Α	40 (1)	
		60V	Α	40 (3)	
		110V	Α	40 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	Α	40	
		48V	Α	32	
		60V	Α	16	
		110V	Α	3	
		220V	Α	0.5	
		440V	Α	0.15	
Power dissipation			W	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				
			mama 2	4 =	
		min	mm²	1.5	
		Max	mm²	1.5 6	
	Conductor size (IEC) - Rigid cable	Max	mm²	6	
	Conductor size (IEC) - Rigid cable	Max min	mm²	1.5	
	Conductor size (IEC) - Rigid cable	Max	mm² mm² mm²	1.5 10	
Mechanical life	Conductor size (IEC) - Rigid cable	Max min	mm²	1.5	
UL technical data		Max min	mm² mm² mm²	1.5 10	
	on-line control	Max min	mm² mm² mm²	1.5 10	
UL technical data		Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>	
UL technical data	on-line control	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>	
UL technical data	on-line control	Max min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10	
UL technical data	on-line control	Max min Max 120V 240V 480V	mm² mm² cycles  HP HP HP	1.5 10 1X10 <sup>6</sup> 5 10 15	_
UL technical data	on-line control for three-phase motor	Max min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 5 10	
UL technical data	on-line control	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP	5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data	on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	5 10 1X10 <sup>6</sup> 5 10 15 15	_
UL technical data Motor power for direct-	on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP	5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	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	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	on-line control for three-phase motor	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP	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	Max min Max  120V 240V 480V 600V  120V 240V min	mm² mm² cycles  HP HP HP HP HP	6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data  Motor power for direct-	on-line control for three-phase motor  for single-phase motor  Operating temperature	Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² cycles  HP HP HP HP	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	Max min Max  120V 240V 480V 600V  120V 240V min	mm² mm² cycles  HP HP HP HP HP	6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	



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	max	°C	+70
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			

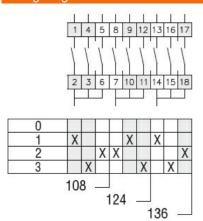




Drillings for 4 screws fixing (4V version).

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