

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

Product designation			Rotary cam switches
Product type designation  General characteristics			GX40
Switching diagram			136 - Multi-step 0-1-2-3 3 poles
N° of elements			5
Mounting form			O - Rear 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		Λ	40
	IEC/EN UL/CSA	A	40
Dated enerational voltage	UL/CSA	A V	40 440
Rated operational voltage  Rated operational impulse voltage		kV	440
Maximum fuse size for short-circuit protection In (gG)		K V	4
Maximum ruse size for short-circuit protection in (go)	10kA	Α	40
	15kA	A	35
	25kA	Α	35
Rated short time current Icw			
	1s	kA	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
Participant of the Annual Control of the Ann	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	7.5
	380/440V	kW	7.5 15
	500/690V	kW	15
Single-phase AC-3	330,000 V		
23.c F2.c.	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





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	DC24 A				
	DC21A	48V	۸	40	
		60V	A A	40	
		110V	A	6	
		220V	A	0.8	
		440V			
	DC22A (nologin poriog)	440 V	Α	0.25	_
	DC23A (poles in series)	241/	^	40 (4)	
		24V	A	40 (1)	
		48V	A	40 (1)	
		60V 110V	A	40 (3)	
			A	40 (3)	
	DC42	220V	Α	12 (4)	_
	DC13	241/	۸	40	
		24V	A	40	
		48V	A	32	
		60V	A	16	
		110V	A	3	
		220V	Α	0.5	
		440V	A	0.15	
Power dissipation			W	1.6	
Mechanical features					
Terminals screw				M4	
Tightening torque for to	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	Max	AWG	10	_
	Conductor size (IEC) - Flexible cable	Max min	AWG mm²	1.5	
	Conductor size (IEC) - Flexible cable				_
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	min	mm²	1.5	_
		min	mm²	1.5	_
		min Max	mm² mm²	1.5 6	
Mechanical life		min Max min	mm² mm²	1.5 6 1.5	_
Mechanical life UL technical data		min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min	mm² mm² mm² mm²	1.5 6 1.5 10	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max	mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max	mm² mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup>	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15	
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	_
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	min Max min Max 120V 240V 480V 600V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor  Operating temperature	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor  for single-phase motor	min Max min Max 120V 240V 480V 600V 120V 240V	mm² mm² mm² cycles  HP HP HP HP HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	

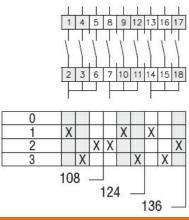


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ENERGY AND AUTOMATION	MOONTING WITH BLACK HANDLE,			37(00IVIIVI
	max	°C	+70	

Resistance & Protection	
Frontal IP degree	IP65
Terminals IP degree	IP20
Dimensions	

### 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