**ENERGY AND AUTOMATION** 

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

Product designation			Rotary cam switches
Product type designation			GX40
General characteristics			
Switching diagram			93 - Multi-step 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	150/51		4.0
	IEC/EN UL/CSA	A	40
Rated operational voltage	UL/C5A	A V	40 440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		100	'
(3 c)	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			40
A013	110V	Α	25
	220/230V	Α	22
	380/400V	Α	12
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V 500/690V	kW kW	15 15
Single-phase AC-3	300/090 V	KVV	13
olligie phase Ao 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
<del></del>	500/690V	kW	15
Single-phase AC23A	4401	1 147	2
	110V	kW	3
	220/230V	kW kw	5.2 7.5
Rated operational current in DC	380/440V	kW	1.0

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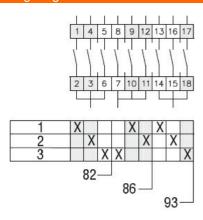
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	DCC4.A				
	DC21A	40\/	۸	40	
		48V	A	40	
		60V	A	40	
		110V	A	6	
		220V 440V	A	0.8 0.25	
	DC22A (polos in sorios)	440 V	Α	0.25	
	DC23A (poles in series)	24V	۸	40 (4)	
		48V	A	40 (1)	
		60V	A A	40 (1)	
		110V	A	40 (3)	
		220V	A	40 (3) 12 (4)	
	DC13	220 V		12 (4)	
	DC13	24V	Α	40	
		48V	A	32	
		60V	A	16	
		110V	A	3	
		220V	A	0.5	
		440V		0.3	
Dower dissination		440 V	— A W	1.6	
Power dissipation  Mechanical features			VV	1.0	
Terminals screw				M4	
Tightening torque for te	erminale may		Nm	1.2	
Conductor size	SITIIII als III ax		INIII	1.2	
Conductor Size	AVAC Digid coble				
	AWG - Rigid cable	min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable	IVIAX	AVVG	0	
	AVVG - Flexible cable		414/0	4.0	
		min			
		min Mov	AWG	16	
	Conductor size (IEC) Flevible coble	min Max	AWG	10	
	Conductor size (IEC) - Flexible cable	Max	AWG	10	
	Conductor size (IEC) - Flexible cable	Max min	AWG	1.5	
		Max	AWG	10	
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max	AWG mm² mm²	1.5 6	
		Max min Max min	AWG  mm²  mm²  mm²	1.5 6 1.5	
Mochanical life		Max min Max	MMG  mm² mm²  mm²  mm²	1.5 6 1.5 1.0	
Mechanical life		Max min Max min	AWG  mm²  mm²  mm²	1.5 6 1.5	_
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min	MMG  mm² mm²  mm²  mm²	1.5 6 1.5 1.0	
	Conductor size (IEC) - Rigid cable on-line control	Max min Max min	MMG  mm² mm²  mm²  mm²	1.5 6 1.5 1.0	
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max min Max	MMG  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	Max min Max min Max	AWG  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	Max min Max min Max  120V 240V	AWG  mm² mm²  mm² cycles  HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max  120V 240V 480V	MWG  mm² mm² mm² cycles  HP HP	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	Max min Max min Max  120V 240V	AWG  mm² mm²  mm² cycles  HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max min Max  120V 240V 480V 600V	MWG  mm² mm² mm² cycles  HP HP HP	10 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	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-o	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	MWG  mm² mm² mm² cycles  HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15	
UL technical data Motor power for direct-order  Ambient conditions	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-o	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP HP	10 1.5 6 1.5 10 1X10°  5 10 15 15 2	
UL technical data Motor power for direct-order  Ambient conditions	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-order  Ambient conditions	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-order  Ambient conditions	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor  Operating temperature	Max min Max min Max  120V 240V 480V 600V  120V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 5 10 15 15 2 5	
UL technical data Motor power for direct-order  Ambient conditions	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor  for single-phase motor	Max min Max min Max  120V 240V 480V 600V  120V 240V 240V	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10 1.5 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			
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