**ENERGY AND AUTOMATION** 

## ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 3 POLES 32A, FOR REAR MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

Product designation			Rotary cam switches
Product type designation			GX32
General characteristics			<u> </u>
Switching diagram			93 - Multi-step 1- 2-3 3 poles
N° of elements			5
Mounting form			O - Rear mounting with black handle
Contact characteristics			Sider Hairait
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		
	IEC/EN UL/CSA	A	32 32
Rated operational voltage	UL/CSA	A V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		ic v	'
(g c)	10kA	Α	35
	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	32
AC15			32
AOTO	110V	Α	25
	220/230V	Α	20
	380/400V	Α	10
	660/690V	Α	2
Rated operational power in AC			
Three-phase AC-3			
	220/230V	kW	7.5
	380/440V	kW	11
Single-phase AC-3	500/690V	kW	11
Single-phase AC-3	110V	kW	1.8
	220/230V	kW	3.5
	380/440V	kW	5.5
Three-phase AC23A			
1	220/230V	kW	8
	380/440V	kW	15
	500/690V	kW	15
Single-phase AC23A			
	110V	kW	2.2
	220/230V	kW	3.5
Rated operational current in DC	380/440V	kW	6

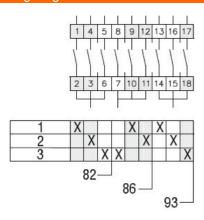
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	DC24 A				
	DC21A	48V	Α	32	
		46 V 60 V	A	32	
		110V	A	5	
		220V	A	0.8	
		440V	A	0.25	
	DC23A (poles in series)			0.20	
	· · (p - · · · · · · · · · · · · )	24V	Α	32 (1)	
		48V	Α	32 (2)	
		60V	Α	32 (3)	
		110V	Α	15 (3)	
		220V	Α	12 (4)	
	DC13				
		24V	Α	32	
		48V	Α	25	
		60V	Α	14	
		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	rminals max		Nm	1.2	
Conductor size					
	AWG - Rigid cable				
		min	AWG	16	
		Max	AWG	8	
	AWG - Flexible cable				
			A 1 A / C	4.0	
		min	AWG	16	
		min Max	AWG	10	
	Conductor size (IEC) - Flexible cable		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	
		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	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	AWG  mm² mm²  mm² cycles	10 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  HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5	
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> 3 7.5 15	
UL technical data	Conductor size (IEC) - Rigid cable  on-line control for three-phase motor	Max min Max min Max	AWG  mm² mm²  mm² cycles  HP HP	1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5	
UL technical data	Conductor size (IEC) - Rigid cable on-line control	Max min Max  min Max  120V 240V 480V 600V	AWG  mm² mm² mm² cycles  HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 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 <sup>6</sup> 3 7.5 15 15	
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	AWG  mm² mm² mm² cycles  HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 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 <sup>6</sup> 3 7.5 15 15	
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 <sup>6</sup> 3 7.5 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  120V 240V	AWG  mm² mm²  mm² cycles  HP HP HP HP HP	10 1.5 6 1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 1.5 3	
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	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10  1.5 6  1.5 10  1X10 <sup>6</sup> 3 7.5 15 15 1.5 3	
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> 3 7.5 15 15 1.5 3	
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	AWG  mm² mm² mm² cycles  HP HP HP HP HP	10  1.5 6  1.5 10  1X10 <sup>6</sup> 3 7.5 15 15 1.5 3	

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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