**ENERGY AND AUTOMATION** 

## ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Product designation			Enclosed rotary cam switch
Product type designation  General characteristics			GX32
Switching diagram			82 - Multi-step 1- 2-3 1 pole
N° of elements			2
Mounting form			P - Plastic enclosure with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
Detections described and college Ulice	UL/CSA	V V	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		kV	6
Conventional free air thermal current fin	IEC/EN	Α	32
	UL/CSA	A	32
Rated operational voltage	00000		440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			_
	10kA	Α	35
	15kA	Α	35
	25kA	Α	35
Rated short time current lcw			
	1s	kA	1000
Conductivity 150/5N			10/5 mA/V
Operational current le IEC/EN AC1/AC21A			
ACT/ACZTA		Α	32
AC15			<u> </u>
7.010	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
Cingle phase AC 2	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			
	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

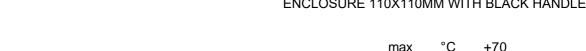


# ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

	DC21A			
	DCZTA	48V	Α	32
		60V		
			A	32
		110V	A	5
		220V	A	0.8
		440V	Α	0.25
	DC23A (poles in series)		_	
		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	erminals max		Nm	1.2
Conductor size	Similar max			1.2
Conductor Size	AWG - Rigid cable			
	AVVG - Rigid Cable	min	AWG	16
		Max		8
	ANIC Flexible coble	IVIAX	AWG	0
	AWG - Flexible cable		414/0	40
		min	AWG	16
		Max	AWG	10
	Conductor size (IEC) - Flexible cable			
	Conductor size (IEC) - Flexible cable	min	mm²	1.5
		min Max	mm² mm²	1.5 6
	Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max	mm²	6
		Max min	mm²	1.5
		Max	mm²	1.5 10
Mechanical life		Max min	mm²	1.5
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 10
	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 10
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable	Max min	mm² mm² mm²	1.5 10
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max	mm² mm² mm² cycles	1.5 10 1X10 <sup>6</sup>
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max 120V 240V	mm² mm² cycles	1.5 10 1X10 <sup>6</sup> 3 7.5
UL technical data	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max  120V 240V 480V	mm² mm² cycles  HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15
UL technical data	Conductor size (IEC) - Rigid cable	Max min Max  120V 240V 480V	mm² mm² cycles  HP HP	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	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15
UL technical data Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	Max min Max  120V 240V 480V 600V	mm² mm² cycles  HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 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	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15
UL technical data  Motor power for direct-	Conductor size (IEC) - Rigid cable  -on-line control for three-phase motor	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 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	Max min Max  120V 240V 480V 600V  120V 240V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 1.5 3
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	120V 240V 480V 600V	mm² mm² cycles  HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 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	Max min Max  120V 240V 480V 600V  120V 240V	mm² mm² cycles  HP HP HP HP HP	1.5 10 1X10 <sup>6</sup> 3 7.5 15 15 1.5 3

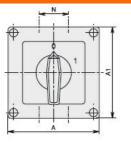
**ENERGY AND AUTOMATION** 

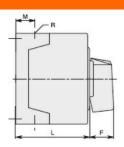
ENCLOSED ROTARY CAM SWITCH GX SERIES, MULTI-STEP 1-2-3, 1 POLE 32A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

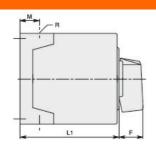


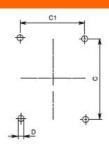
	max	•	
Resistance & Protection			
Frontal IP degree			IP65
Terminals IP degree			IP20

#### **Dimensions**



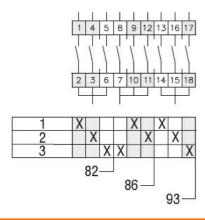






GX16 GX20	90x90	1-2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7			The state of the s									* ***
GX20		1 - 3	4-7	110	110	98.4	83	4.5	32	21	20.5	0E E	119.5	4xPG21	IDGE
GX32		1 - 2	3-4	110	110	90.4	03	4.5	32	21	39.5	85.5	119.5	4XPGZ1	IP65
GX40		1 - 2	3-4												

#### 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