

# ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 32A IN PLASTIC ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

Product designation			Enclosed rotary
Product type designation			cam switch GX32
General characteristics			GAOL
Switching diagram			90 - ON/OFF switch 1 pole
N° of elements			1
Mounting form			P25 - Plastic enclosure with red/yellow handle
Contact characteristics			·
Rated insulation voltage Ui			
	IEC/EN	V	690
Dated impulse withstead veltage Llimp	UL/CSA	V kV	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		KV	О
Conventional free all thermal current fill	IEC/EN	Α	32
	UL/CSA	A	32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)			
	10kA	Α	35
	15kA	Α	35
Patrick at force and the	25kA	A	35
Rated short time current lcw	1s	kA	1000
Conductivity	15	KA	10/5 mA/V
Operational current le IEC/EN			10/3 111/-0 0
AC1/AC21A			
		Α	32
AC15			
	110V	Α	25
	220/230V	Α	20
	380/400V	A	10
Rated operational power in AC	660/690V	Α	2
Three-phase AC-3			
55 \$1,000 110 5	220/230V	kW	7.5
	380/440V	kW	11
	500/690V	kW	11
Single-phase AC-3			
	110V	kW	1.8
	220/230V	kW	3.5
Three phase AC22A	380/440V	kW	5.5
Three-phase AC23A	220/230V	kW	8
	380/440V	kW	15
	500/440V	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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DC21A			
502171	40)/	Δ.	20
	48V	A	32
	60V	Α	32
	110V	Α	5
	220V	A	0.8
D0004 (	440V	Α	0.25
DC23A (poles in series)	0.07		22 (1)
	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 terminals 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 cab			
001100001 0120 (120) 1 1011010 0000	min	mm²	1.5
	Max	mm²	6
Conductor size (IEC) - Rigid cable	THOS.		
3	min	mm²	1.5
<b>3</b> • • • • • • • • • • • • • • • • • • •	min May	mm²	1.5 10
	min Max	mm²	10
Mechanical life			
Mechanical life UL technical data		mm²	10
Mechanical life  UL technical data  Motor power for direct-on-line control		mm²	10
Mechanical life UL technical data	Max	mm² cycles	10 1X10 <sup>6</sup>
Mechanical life  UL technical data  Motor power for direct-on-line control	Max 120V	mm² cycles	10 1X10 <sup>6</sup>
Mechanical life  UL technical data  Motor power for direct-on-line control	120V 240V	mm² cycles  HP HP	10 1X10 <sup>6</sup> 3 7.5
Mechanical life  UL technical data  Motor power for direct-on-line control	120V 240V 480V	mm² cycles  HP HP HP	10 1X10 <sup>6</sup> 3 7.5 15
Mechanical life  UL technical data  Motor power for direct-on-line control for three-phase motor	120V 240V	mm² cycles  HP HP	10 1X10 <sup>6</sup> 3 7.5
Mechanical life  UL technical data  Motor power for direct-on-line control	120V 240V 480V 600V	mm² cycles  HP HP HP HP	10 1X10 <sup>6</sup> 3 7.5 15
Mechanical life  UL technical data  Motor power for direct-on-line control for three-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP HP	10 1X10 <sup>6</sup> 3 7.5 15 15
Mechanical life  UL technical data  Motor power for direct-on-line control for three-phase motor  for single-phase motor	120V 240V 480V 600V	mm² cycles  HP HP HP HP	10 1X10 <sup>6</sup> 3 7.5 15
Mechanical life  UL technical data  Motor power for direct-on-line control for three-phase motor  for single-phase motor  Ambient conditions	120V 240V 480V 600V	mm² cycles  HP HP HP HP HP	10 1X10 <sup>6</sup> 3 7.5 15 15
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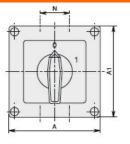
**ENERGY AND AUTOMATION** 

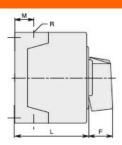
ENCLOSED ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 1 POLE 32A IN PLASTIC

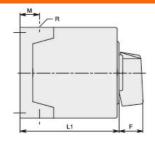
ENCLOSURE 110X110MM WITH RED/YELLOW HANDLE

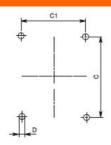
#### $^{\circ}\text{C}$ +70 max Resistance & Protection Frontal IP degree **IP65** Terminals IP degree IP20

### **Dimensions**



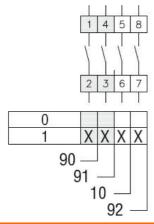






GX16 GX20	90x90	1 - 2 1 - 2	3-5 3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX16	110x110	1 - 3	4-7				1								
GX20		1 - 3	4-7	110	110	00.4	02	4.5	32	01	20.5	0E E	119.5	4xPG21	IP65
GX32		1 - 2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4XPGZ1	1100
GX40		1 - 2	3-4												

## 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