**ENERGY AND AUTOMATION** 



			Datamyasa
Product designation			Rotary cam switches
Product type designation			GX32
General characteristics			
Switching diagram			92 - ON/OFF switch 4 poles
N° of elements			2
Mounting form			U - Front mounting with black handle
Contact characteristics			
Rated insulation voltage Ui			
	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp  Conventional free air thermal current Ith		kV	6
Conventional free air thermal current ith	IEC/EN	٨	22
	UL/CSA	A A	32 32
Rated operational voltage	UL/USA		440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)		i.v	
( <del>9</del> - )	10kA	Α	35
	15kA	Α	35
	25kA	Α	35
Rated short time current Icw			
	1s	Α	1000
Conductivity			10/5 mA/V
Operational current le IEC/EN			
AC1/AC21A			
1045		Α	32
AC15	4401/	Λ	25
	110V 220/230V	A A	25 20
	380/400V	A	10
	660/690V	A	2
Rated operational power in AC	333.33		
Three-phase AC-3			
·	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
There is been A 000 A	380/440V	kW	5.5
Three-phase AC23A	220/230V	kW	8
	ZZU/Z3UV	r v v	U

**ENERGY AND AUTOMATION** 

# electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 32A, FOR FRONT MOUNTING WITH BLACK HANDLE, FRONT PLATE 65X65MM

		380/440V	kW	15
		500/690V	kW	15
	Single-phase AC23A			
	<b>5</b> 1	110V	kW	2.2
		220/230V	kW	3.5
		380/440V	kW	6
Rated operational cur	rent in DC	000/1101		
rtatoa oporational our	DC21A			
	502111	48V	Α	32
		60V	A	32
		110V	A	5
		220V	A	0.8
		440V	A	0.25
	DC22A (nales in series)	440 V		0.25
	DC23A (poles in series)	0.4)/		00 (4)
		24V	A	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			.,	
				M4
Mechanical features Terminals screw	terminals max		Nm	
Mechanical features Terminals screw Tightening torque for t	terminals max			M4
Mechanical features Terminals screw				M4
Mechanical features Terminals screw Tightening torque for t	terminals max  AWG - Rigid cable	min	Nm	M4 1.2
Mechanical features Terminals screw Tightening torque for t		min Max	Nm AWG	M4 1.2
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	min Max	Nm	M4 1.2
Mechanical features Terminals screw Tightening torque for t		Max	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	Max min	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max	Nm AWG AWG	M4 1.2 16 8
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable	Max min Max	Nm  AWG AWG  AWG  AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max min Max min	Nm  AWG AWG  AWG  AWG  AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max	Nm  AWG AWG  AWG  AWG	M4 1.2 16 8 16 10
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable	Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for t	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm²  mm²  mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable	Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm²  mm²  mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max	AWG AWG AWG AWG mm² mm²	M4 1.2 16 8 16 10 1.5 6
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable	Max min Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm² mm²  cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 1X10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max min Max  120V 240V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 1X106
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max  min Max  120V 240V 480V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max min Max  120V 240V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles	M4 1.2 16 8 16 10 1.5 6 1.5 10 1X106
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control	Max min Max min Max  min Max  120V 240V 480V 600V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup> 3 7.5 15
Mechanical features Terminals screw Tightening torque for to Conductor size  Mechanical life UL technical data	AWG - Rigid cable  AWG - Flexible cable  Conductor size (IEC) - Flexible cable  Conductor size (IEC) - Rigid cable  t-on-line control for three-phase motor	Max min Max min Max  min Max  120V 240V 480V	Nm  AWG AWG  AWG  AWG  mm²  mm²  cycles  HP  HP	M4 1.2  16 8  16 10  1.5 6  1.5 10 1X10 <sup>6</sup>

electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 32A, FOR FRONT MOUNTING
WITH BLACK HANDLE, FRONT PLATE 65X65MM

# ENERGY AND AUTOMATION Ambient conditions

# Temperature

Operating temperature

min	°C	-25
max	°C	+55

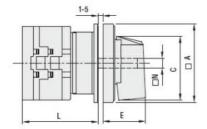
Storage temperature

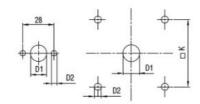
min °C -40 max °C +70

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Frontal IP degree	IP65
Terminals IP degree	IP20

#### **Dimensions**

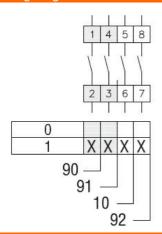




Drillings for 4 screws fixing (4V version).

Series			D	imensio	ns						L Number of elements								
Selles	□A	С	ØD1	ØD2	E	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
GX16	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX20	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

# 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





electric ROTARY CAM SWITCH GX SERIES, ON-OFF SWITCH 4 POLES 32A, FOR FRONT MOUNTING
WITH BLACK HANDLE, FRONT PLATE 65X65MM

**ENERGY AND AUTOMATION** 

**ETIM 8.0** 

EC001105 - Offload switch