

Product designation	Rotary cam switches		
Product type designation	GX32		
General characteristics			
Switching diagram	05 - ON/OFF switch 1 pole		
N° of elements	1		
Mounting form	O - Rear mounting with black handle		
Contact characteristics			
Rated insulation voltage Ui	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	IEC/EN UL/CSA	A A	32 32
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA 15kA 25kA	A A A	35 35 35
Rated short time current Icw	1s	kA	1000
Conductivity	10/5 mA/V		
Operational current Ie IEC/EN			
AC1/AC21A		A	32
AC15	110V 220/230V 380/400V 660/690V	A A A A	25 20 10 2
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	7.5 11 11
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	1.8 3.5 5.5
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	8 15 15
Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	2.2 3.5 6
Rated operational current in DC			

### DC21A

48V	A	32
60V	A	32
110V	A	5
220V	A	0.8
440V	A	0.25

### DC23A (poles in series)

24V	A	32 (1)
48V	A	32 (2)
60V	A	32 (3)
110V	A	15 (3)
220V	A	12 (4)

### DC13

24V	A	32
48V	A	25
60V	A	14
110V	A	3
220V	A	0.5
440V	A	0.15

Power dissipation	W	1.6
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### Mechanical features

Terminals screw	M4
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Tightening torque for terminals max	Nm	1.2
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### Conductor size

#### AWG - Rigid cable

min	AWG	16
Max	AWG	8

#### AWG - Flexible cable

min	AWG	16
Max	AWG	10

#### Conductor size (IEC) - Flexible cable

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	6

#### Conductor size (IEC) - Rigid cable

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	10

Mechanical life	cycles	1X10 <sup>6</sup>
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### UL technical data

#### Motor power for direct-on-line control

##### for three-phase motor

120V	HP	3
240V	HP	7.5
480V	HP	15
600V	HP	15

##### for single-phase motor

120V	HP	1.5
240V	HP	3

### Ambient conditions

#### Temperature

##### Operating temperature

min	°C	-25
max	°C	+55

##### Storage temperature

min	°C	-40
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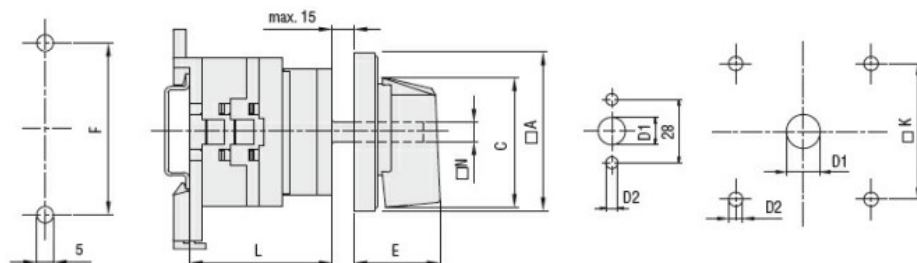
max °C +70

### Resistance & Protection

Frontal IP degree IP65

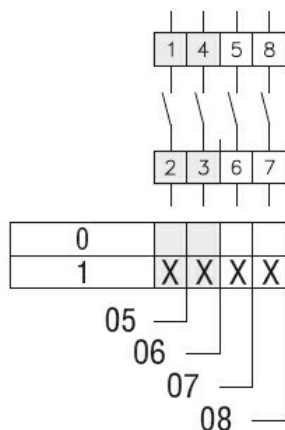
Terminals IP degree IP20

### Dimensions



Series	Dimensions					L Number of elements											
	□A	C	E	F	□N	1	2	3	4	5	6	7	8	9	10	11	12
<b>GX16</b>	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
<b>GX20</b>	48	39.5	26.5	52	6	37	45.5	54	62.5	71	79.5	88	96.5	105	113.5	122	130.5
<b>GX32</b>	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180
<b>GX40</b>	65	53	34.5	68	7	48	60	72	84	96	108	120	132	144	156	168	180

### 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