

Product designation	Rotary cam switches		
Product type designation	GX16		
General characteristics			
Switching diagram	98 - Ammeter switch		
N° of elements	3		
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		kV	6
Conventional free air thermal current Ith	IEC/EN	A	16
	UL/CSA	A	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	16
	15kA	A	16
	25kA	A	16
Rated short time current Icw	1s	A	250
Conductivity	10/5 mA/V		
Operational current Ie IEC/EN			
AC1/AC21A		A	16
AC15	110V	A	10
	220/230V	A	8
	380/400V	A	4
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3.5
	380/440V	kW	4.5
	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.55
	220/230V	kW	1.5
	380/440V	kW	2.2
Three-phase AC23A	220/230V	kW	3.7
	380/440V	kW	6.5
	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Rated operational current in DC			

### DC21A

48V	A	16
60V	A	16
110V	A	4
220V	A	0.6
440V	A	0.25

### DC23A (poles in series)

24V	A	16 (1)
48V	A	16 (2)
60V	A	16 (3)
110V	A	10 (3)
220V	A	7 (4)

### DC13

24V	A	16
48V	A	14
60V	A	10
110V	A	1
220V	A	0.4
440V	A	0.15

Power dissipation	W	0.6
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### Mechanical features

Terminals screw	3M
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Tightening torque for terminals max	Nm	0.5
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### Conductor size

#### AWG - Rigid cable

min	AWG	20
Max	AWG	12

#### AWG - Flexible cable

min	AWG	20
Max	AWG	12

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

min	mm <sup>2</sup>	0.5
Max	mm <sup>2</sup>	2.5

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

min	mm <sup>2</sup>	0.5
Max	mm <sup>2</sup>	2.5

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	1.5
240V	HP	3
480V	HP	5
600V	HP	5

##### for single-phase motor

120V	HP	0.75
240V	HP	1

### Ambient conditions

#### Temperature

##### Operating temperature

min	°C	-25
max	°C	+55

##### Storage temperature

min	°C	-40
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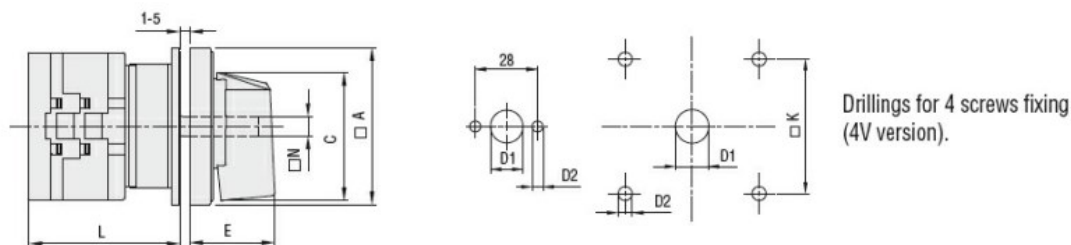
max °C +70

### Resistance & Protection

Frontal IP degree IP65

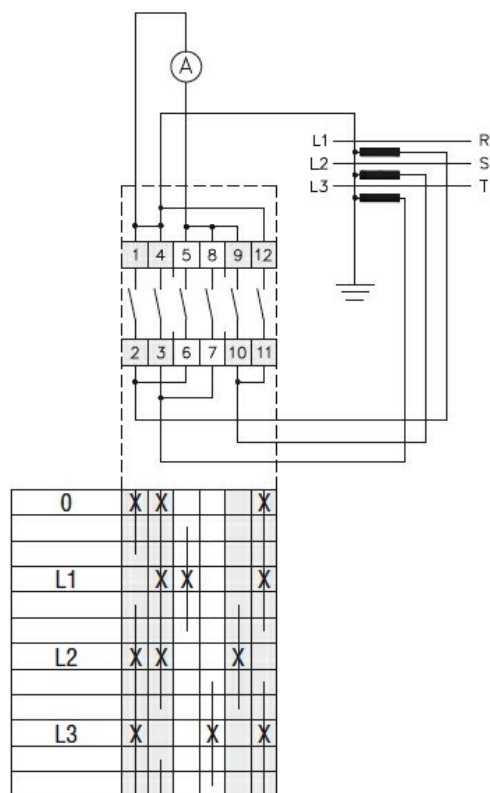
Terminals IP degree IP20

### Dimensions



Series	Dimensions							L Number of elements											
	□A	C	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

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Certificates

cULus  
EAC

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ETIM classification

ETIM 8.0

EC001105 - Off-  
load switch