

Product designation	Rotary cam switches		
Product type designation	GX16		
<b>General characteristics</b>			
Switching diagram	68 - Voltmeter switch for phase-neutral voltages		
N° of elements	2		
Mounting form	O - Rear mounting with black handle		
<b>Contact characteristics</b>			
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	kA	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

**Mechanical features**
**Terminals screw** 3M

**Tightening torque for terminals max** Nm 0.5

**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>
**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
max	°C	+70

### Resistance & Protection

Frontal IP degree

IP65

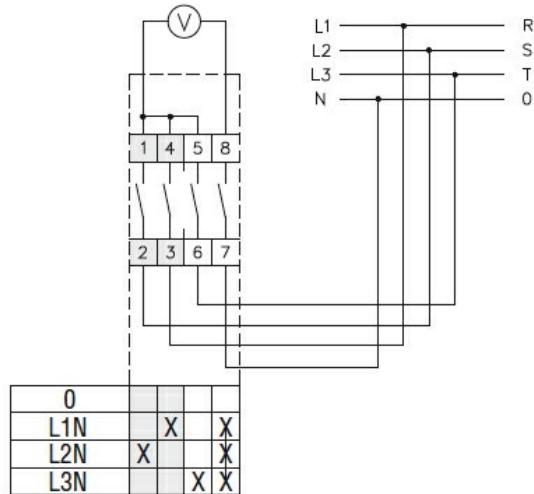
Terminals IP degree

IP20

### Dimensions



### 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