

Product designation			Rotary cam switches		
Product type designation			GX16		
General characteristics					
Switching diagram			110 - Multi-step 0-1-2-3-4-5 1 pole		
N° of elements			3		
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	16 12
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	16 16 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 220/230V 380/400V 660/690V	A A A A	10 8 4 1.5
Rated operational power in AC					
Three-phase AC-3			220/230V 380/440V 500/690V	kW kW kW	3.5 4.5 5.5
Single-phase AC-3			110V 220/230V 380/440V	kW kW kW	0.55 1.5 2.2
Three-phase AC23A			220/230V 380/440V 500/690V	kW kW kW	3.7 6.5 7.5
Single-phase AC23A			110V 220/230V 380/440V	kW kW kW	0.75 1.8 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 ²	0.5
Max	mm ²	2.5

Conductor size (IEC) - Rigid cable

min	mm ²	0.5
Max	mm ²	2.5

Mechanical life

cycles 1X10⁶

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

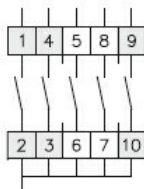
min °C -40
max °C +70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

Wiring diagrams



0					
1	X				
2			X		
3					X
4		X			
5				X	

110 —

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