

Product designation				Rotary cam switches
Product type designation				GX16
General characteristics				
Switching diagram				124 - Multi-step 0-1-2-3 2 poles
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
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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 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	1X10 ⁶
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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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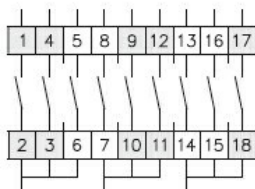
max °C +70

Resistance & Protection

Frontal IP degree	IP65
Terminals IP degree	IP20

Dimensions

Wiring diagrams



0									
1	X			X		X			
2			X	X					X
3		X			X		X		

108 —
124 —
136 —

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