

Product designation	Rotary cam switches		
Product type designation	GX16		
General characteristics			
Switching diagram	86 - Multi-step 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

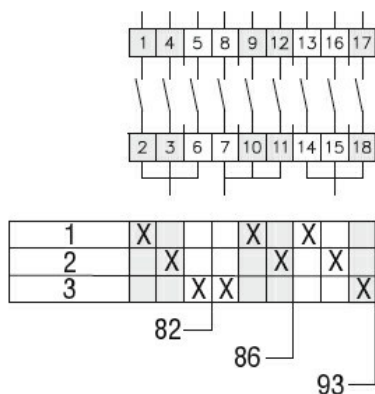
Resistance & Protection

Frontal IP degree IP65

Terminals IP degree IP20

Dimensions

Wiring diagrams



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