



Product designation

Rotary cam switches

Product type designation

GX40

**General characteristics**

Switching diagram

03 - ON/OFF spring return switch 3 poles

N° of elements

2

Mounting form

U - Front mounting with black handle

**Contact characteristics**

Rated insulation voltage  $U_i$

IEC/EN	V	690
UL/CSA	V	600

Rated impulse withstand voltage  $U_{imp}$

kV	6
----	---

Conventional free air thermal current  $I_{th}$

IEC/EN	A	40
UL/CSA	A	40

Rated operational voltage

V	440
---	-----

Rated operational impulse voltage

kV	4
----	---

Maximum fuse size for short-circuit protection  $I_n$  (gG)

10kA	A	40
15kA	A	35
25kA	A	35

Rated short time current  $I_{cw}$

1s	A	1000
----	---	------

Conductivity

10/5 mA/V

Operational current  $I_e$  IEC/EN

AC1/AC21A

A	40
---	----

AC15

110V	A	25
220/230V	A	22
380/400V	A	12
660/690V	A	2

Rated operational power in AC

Three-phase AC-3

220/230V	kW	7.5
380/440V	kW	15
500/690V	kW	15

Single-phase AC-3

110V	kW	2.2
220/230V	kW	4.4
380/440V	kW	7

Three-phase AC23A

	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15
<hr/>			
Single-phase AC23A	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
<hr/>			
Rated operational current in DC			
DC21A	48V	A	40
	60V	A	40
	110V	A	6
	220V	A	0.8
	440V	A	0.25
<hr/>			
DC23A (poles in series)	24V	A	40 (1)
	48V	A	40 (1)
	60V	A	40 (3)
	110V	A	40 (3)
	220V	A	12 (4)
<hr/>			
DC13	24V	A	40
	48V	A	32
	60V	A	16
	110V	A	3
	220V	A	0.5
	440V	A	0.15
<hr/>			
Power dissipation		W	1.6
<b>Mechanical features</b>			
Terminals screw			M4
Tightening torque for terminals max		Nm	1.2
<hr/>			
Conductor size			
AWG - Rigid cable			
	min	AWG	16
	Max	AWG	8
<hr/>			
AWG - Flexible cable			
	min	AWG	16
	Max	AWG	10
<hr/>			
Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	6
<hr/>			
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	1.5
	Max	mm <sup>2</sup>	10
<hr/>			
Mechanical life		cycles	1X10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control			
for three-phase motor			
	120V	HP	5
	240V	HP	10
	480V	HP	15
	600V	HP	15
<hr/>			
for single-phase motor			
	120V	HP	2

240V HP 5

**Ambient conditions**

Temperature

Operating temperature

min °C -25  
max °C +55

Storage temperature

min °C -40  
max °C +70

**Resistance & Protection**

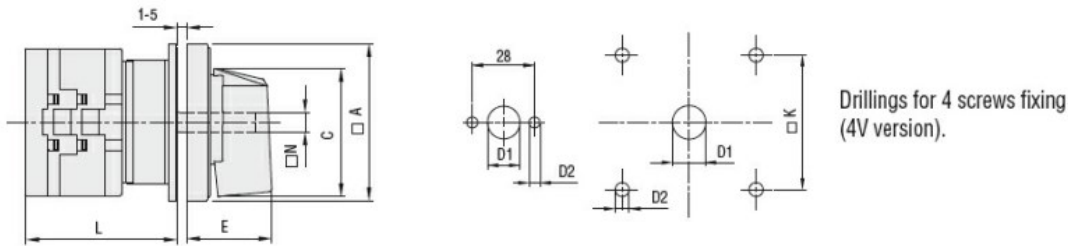
Frontal IP degree

IP65

Terminals IP degree

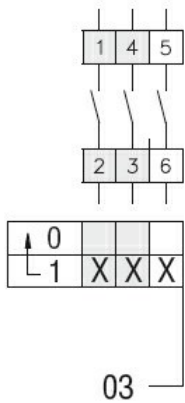
IP20

**Dimensions**



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

Certificates

- cULus
- EAC

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete