

Product designation	Rotary cam switches		
Product type designation	GX40		
<b>General characteristics</b>			
Switching diagram	75 - Changeover switch 4 poles		
N° of elements	4		
Mounting form	O - Rear mounting with black handle		
<b>Contact characteristics</b>			
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	kA	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
Single-phase AC23A	110V	kW	3
	220/230V	kW	5.2
	380/440V	kW	7.5
Rated operational current in DC			

**DC21A**

48V	A	40
60V	A	40
110V	A	6
220V	A	0.8
440V	A	0.25

**DC23A (poles in series)**

24V	A	40 (1)
48V	A	40 (1)
60V	A	40 (3)
110V	A	40 (3)
220V	A	12 (4)

**DC13**

24V	A	40
48V	A	32
60V	A	16
110V	A	3
220V	A	0.5
440V	A	0.15

Power dissipation	W	1.6
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**Mechanical features**

Terminals screw	M4
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Tightening torque for terminals max	Nm	1.2
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**Conductor size**
**AWG - Rigid cable**

min	AWG	16
Max	AWG	8

**AWG - Flexible cable**

min	AWG	16
Max	AWG	10

**Conductor size (IEC) - Flexible cable**

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	6

**Conductor size (IEC) - Rigid cable**

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	10

Mechanical life	cycles	1X10 <sup>6</sup>
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**UL technical data**
**Motor power for direct-on-line control**
**for three-phase motor**

120V	HP	5
240V	HP	10
480V	HP	15
600V	HP	15

**for single-phase motor**

120V	HP	2
240V	HP	5

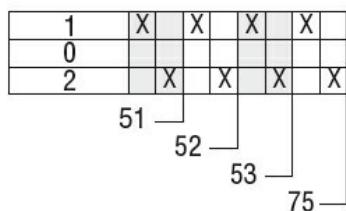
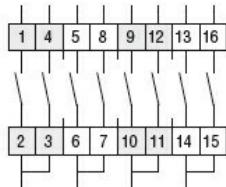
**Ambient conditions**
**Temperature**
**Operating temperature**

min	°C	-25
max	°C	+55

**Storage temperature**

min	°C	-40
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Resistance & Protection	max	°C	+70
Frontal IP degree			IP65
Terminals IP degree			IP20
Dimensions			
Wiring diagrams			



Certifications and compliance
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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	EC001029 - Selector switch, complete
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ETIM 8.0