

Product designation	Rotary cam switches		
Product type designation	GX40		
<b>General characteristics</b>			
Switching diagram	98 - Ammeter switch		
N° of elements	3		
Mounting form	O - Rear mounting with black handle		
<b>Contact characteristics</b>			
Rated insulation voltage $U_i$	IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage $U_{imp}$		kV	6
Conventional free air thermal current $I_{th}$	IEC/EN UL/CSA	A A	40 40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA 15kA 25kA	A	40 35 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 220/230V 380/400V 660/690V	A	25 22 12 2
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW	7.5 15 15
Single-phase AC-3	110V 220/230V 380/440V	kW	2.2 4.4 7
Three-phase AC23A	220/230V 380/440V 500/690V	kW	9 18.5 15
Single-phase AC23A	110V 220/230V 380/440V	kW	3 5.2 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**

Frontal IP degree

max °C +70

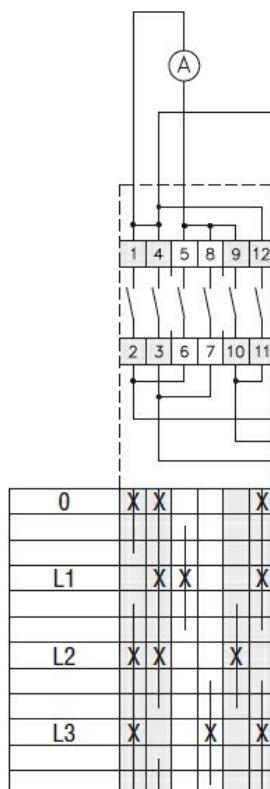
Terminals IP degree

IP65

Dimensions

IP20

**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