

Product designation				Rotary cam switches
Product type designation				GX40
<b>General characteristics</b>				
Switching diagram				83 - Multi-step 1-2-3-4 1 pole
N° of elements				2
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	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	
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	
<b>Mechanical features</b>				
Terminals screw			M4	
Tightening torque for terminals max		Nm	1.2	
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>	
<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	
for single-phase motor				
	120V	HP	2	
	240V	HP	5	
<b>Ambient conditions</b>				
Temperature				
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	

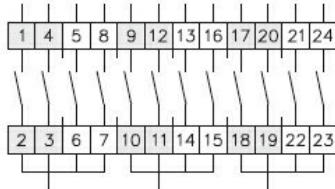
max °C +70

**Resistance & Protection**

Frontal IP degree	IP65
Terminals IP degree	IP20

**Dimensions**

**Wiring diagrams**



1	X			X			X		
2		X			X				X
3			X			X			X
4	X			X			X		

83 —  
87 —  
94 —

**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