

Product designation				Rotary cam switches
Product type designation				GX40
<b>General characteristics</b>				
Switching diagram				55 - Changeover switch without 0 2 poles
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			

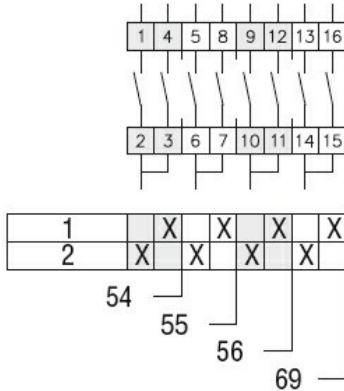
min	°C	-40
max	°C	+70

**Resistance & Protection**

Frontal IP degree	IP65
Terminals IP degree	IP20

**Dimensions**

**Wiring diagrams**



**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