

Product designation				Rotary cam switches
Product type designation				GX16
<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	16	
	UL/CSA	A	12	
Rated operational voltage			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	16	
	15kA	A	16	
	25kA	A	16	
Rated short time current $I_{cw}$			1s	A
			250	
Conductivity				10/5 mA/V
Operational current $I_e$ IEC/EN	AC1/AC21A			
			A	16
AC15	110V		A	10
	220/230V		A	8
	380/400V		A	4
	660/690V		A	1.5
Rated operational power in AC	Three-phase AC-3			
	220/230V		kW	3.5
	380/440V		kW	4.5
	500/690V		kW	5.5
	Single-phase AC-3			
	110V		kW	0.55
	220/230V		kW	1.5
	380/440V		kW	2.2
	Three-phase AC23A			
	220/230V		kW	3.7
	380/440V		kW	6.5
	500/690V		kW	7.5
Single-phase AC23A	110V		kW	0.75
	220/230V		kW	1.8
	380/440V		kW	3

Rated operational current in DC			
DC21A			
	48V	A	16
	60V	A	16
	110V	A	4
	220V	A	0.6
	440V	A	0.25
DC23A (poles in series)			
	24V	A	16 (1)
	48V	A	16 (2)
	60V	A	16 (3)
	110V	A	10 (3)
	220V	A	7 (4)
DC13			
	24V	A	16
	48V	A	14
	60V	A	10
	110V	A	1
	220V	A	0.4
	440V	A	0.15
Power dissipation		W	0.6
<b>Mechanical features</b>			
Terminals screw			3M
Tightening torque for terminals max		Nm	0.5
Conductor size			
AWG - Rigid cable			
	min	AWG	20
	Max	AWG	12
AWG - Flexible cable			
	min	AWG	20
	Max	AWG	12
Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	2.5
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	1.5
	240V	HP	3
	480V	HP	5
	600V	HP	5
for single-phase motor			
	120V	HP	0.75
	240V	HP	1
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			

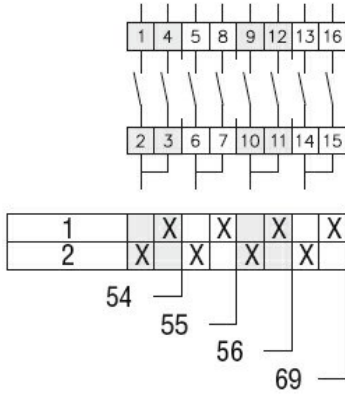
min	°C	-40
max	°C	+70

### 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