

Product designation				Rotary cam switches
Product type designation				GX16
<b>General characteristics</b>				
Switching diagram				71
<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
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	20	
	25kA	A	16	
Rated short time current $I_{cw}$			1s	A
				250
Operational current $I_e$ IEC/EN	AC1/AC21A			A
	AC15			16
Rated operational power in AC	110V			A
	220/230V			10
	380/400V			A
	660/690V			8
				4
Rated operational power in AC	220/230V			kW
	380/440V			3.5
	500/690V			kW
				4.5
				5.5
	110V			kW
	220/230V			0.55
	380/440V			kW
				1.5
Rated operational power in AC	220/230V			kW
	380/440V			3.7
	500/690V			kW
				6.5
				7.5
				3
Rated operational current in DC	48V			A
	60V			16
	110V			A
	220V			4
	440V			A
				0.5
Rated operational current in DC	24V			A
				0.25
				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	12
110V	A	0.8
220V	A	0.3
440V	A	0.15

### Mechanical features

Terminals screw 3M

Tightening torque for terminals max Nm 0.5

Conductor size

AWG - Rigid cable

min	AWG	20
Max	AWG	14

AWG - Flexible cable

min	AWG	20
Max	AWG	14

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 5x10<sup>6</sup>

### UL technical data

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

### Ambient conditions

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

### ETIM classification

ETIM 8.0 EC001029 - Selector switch, complete