

Product designation	Rotary cam switches		
Product type designation	GX20		
<b>General characteristics</b>			
Switching diagram	69 - Changeover switch without 0 4 poles		
N° of elements	4		
Mounting form	U47 - Snap on front mounting with black handle for hole diam. 22mm finxing		
<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	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection $I_n$ (gG)	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current $I_{cw}$	1s	kA	250
Conductivity	10/5 mA/V		
Operational current $I_e$ IEC/EN			
AC1/AC21A		A	20
AC15			
	110V	A	10
	220/230V	A	8
	380/400V	A	6
	660/690V	A	1.5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
Single-phase AC-3	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
Three-phase AC23A	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
Single-phase AC23A	110V	kW	0.75

	220/230V	kW	2.2
	380/440V	kW	3.5
Rated operational current in DC			
DC21A			
	48V	A	20
	60V	A	20
	110V	A	4
	220V	A	0.6
	440V	A	0.25
DC23A (poles in series)			
	24V	A	20 (1)
	48V	A	20 (2)
	60V	A	20 (3)
	110V	A	10 (3)
	220V	A	8 (4)
DC13			
	24V	A	20
	48V	A	16
	60V	A	12
	110V	A	1
	220V	A	0.4
	440V	A	0.15
Power dissipation		W	0.6
Mechanical features			
Terminals screw			M3
Tightening torque for terminals max		Nm	0.8
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>
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	1.5
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-25

Storage temperature	max	°C	+55
	min	°C	-40
	max	°C	+70

### Resistance & Protection

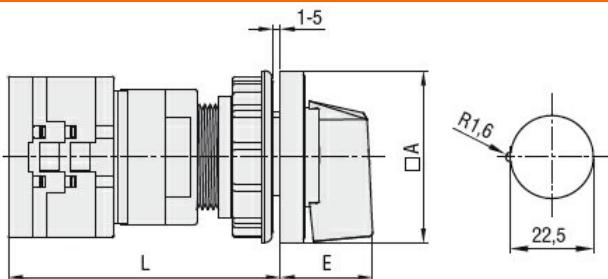
Frontal IP degree

IP65

Terminals IP degree

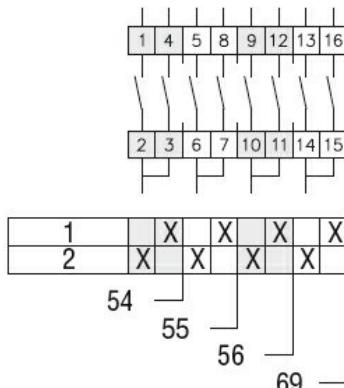
IP20

### Dimensions



Series	Dimensions		L			
	A	E	1	2	3.....8	
<b>GX16</b>	48	26.5	64.9	73.4	81.9	124.4
<b>GX20</b>	48	26.5	64.9	73.4	81.9	124.4

### 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