



Product designation	Rotary cam switches		
Product type designation	GX20		
General characteristics			
Switching diagram	10 - ON/OFF switch 3 poles		
N° of elements	2		
Mounting form	U11 - Front mounting with black handle without front plate for hole diam. 22mm fixing		
Contact characteristics			
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
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

### Resistance & Protection

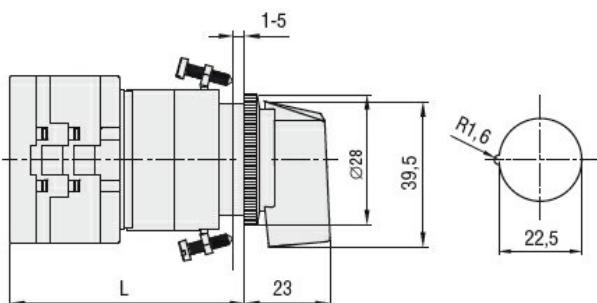
#### Frontal IP degree

IP65

#### Terminals IP degree

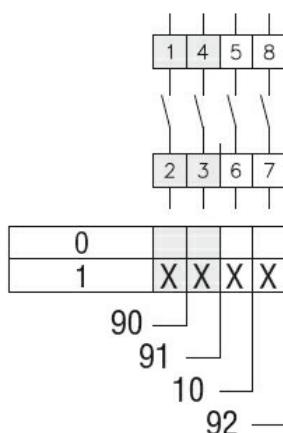
IP20

### Dimensions



Series	L			
	1	2	3....8	
<b>GX16</b>	54	62.5	71	147.5
<b>GX20</b>	54	62.5	71	147.5

### 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

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Certificates

cULus  
EAC

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete