

Product designation				Rotary cam switches
Product type designation				GX20
<b>General characteristics</b>				
Switching diagram				05 - ON/OFF switch 1 pole
N° of elements				1
Mounting form				U - Front 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	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	A	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
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**Mechanical features**

Terminals screw	M3
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Tightening torque for terminals max	Nm	0.8
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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>
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**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

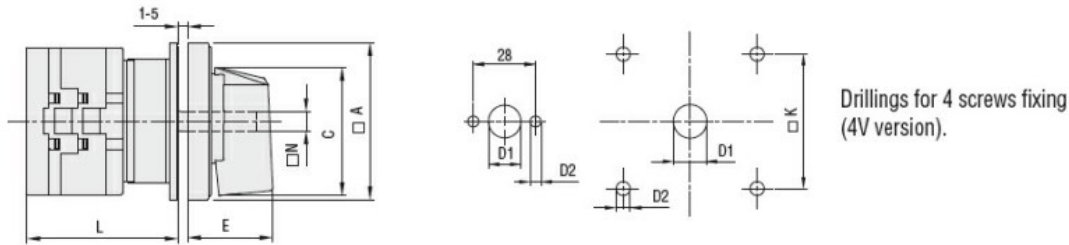
min	°C	-40
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max °C +70

**Resistance & Protection**

Frontal IP degree	IP65
Terminals IP degree	IP20

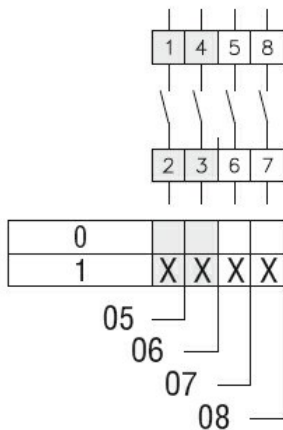
**Dimensions**



Drillings for 4 screws fixing  
(4V version).

Series	Dimensions							L Number of elements											
	□A	C	∅D1	∅D2	E	□K	□N	1	2	3	4	5	6	7	8	9	10	11	12
<b>GX16</b>	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
<b>GX20</b>	48	39.5	12	5	26.5	36	6	43	51.5	60	68.5	77	85.5	94	102.5	111	119.5	128	136.5
<b>GX32</b>	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
<b>GX40</b>	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183

**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