

Product designation	Enclosed rotary cam switch		
Product type designation	GX20		
General characteristics			
Switching diagram	92 - ON/OFF switch 4 poles		
N° of elements	2		
Mounting form	P25 - Plastic enclosure with red/yellow handle		
Contact characteristics			
Rated insulation voltage Ui	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage Uimp		kV	6
Conventional free air thermal current Ith	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 In (gG)	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current Icw	1 s	A	250
Conductivity	10/5 mA/V		
Operational current Ie 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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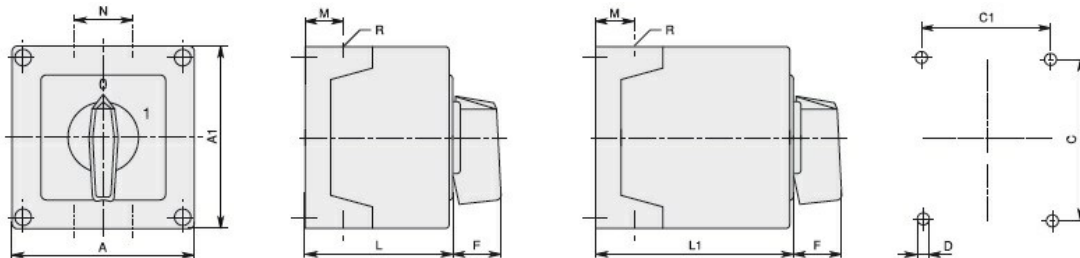
max °C +70

### Resistance & Protection

Frontal IP degree IP65

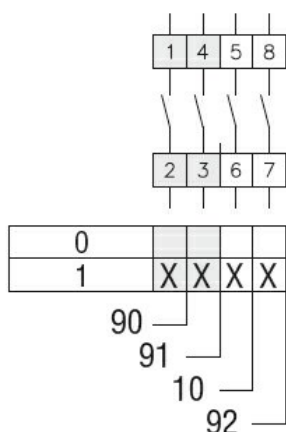
Terminals IP degree IP20

### Dimensions



GX16	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX20		1-2	3-5												
GX16	110x110	1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX20		1-3	4-7												
GX32		1-2	3-4												
GX40		1-2	3-4												

### Wiring diagrams



### Certifications and compliance

#### Compliance

IEC/EN/BS 60947-1

IEC/EN/BS 60947-3

IEC/EN/BS 60947-5-1

IEC/EN/BS 61058-1

#### Certificates

EAC

### ETIM classification

ETIM 8.0

EC001105 - Off-load switch