

Product designation				Enclosed rotary cam switch
Product type designation				GX20
General characteristics				
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
Mounting form				P - Plastic enclosure with black 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				
	1s	kA	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 ²	0.5
Max	mm ²	2.5

Conductor size (IEC) - Rigid cable

min	mm ²	0.5
Max	mm ²	2.5

Mechanical life	cycles	1X10 ⁶
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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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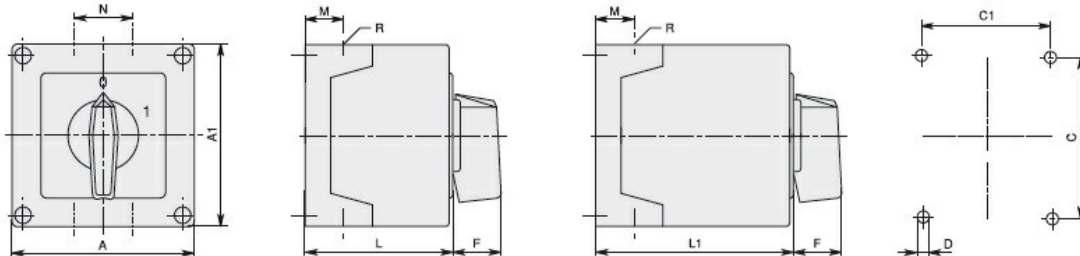
max °C +70

Resistance & Protection

Frontal IP degree IP65

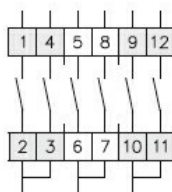
Terminals IP degree IP20

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



0					
1	X		X		X
2		X		X	X

107
123
135

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

EC001029 -
Selector switch,
complete