

Product designation				Enclosed rotary cam switch
Product type designation				GX40
General characteristics				
Switching diagram				82 - Multi-step 1-2-3 1 pole
N° of elements				2
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	40	
	UL/CSA	A	40	
Rated operational voltage				V 440
Rated operational impulse voltage				kV 4
Maximum fuse size for short-circuit protection In (gG)				
	10kA	A	40	
	15kA	A	35	
	25kA	A	35	
Rated short time current Icw				
	1 s	kA	1000	
Conductivity				10/5 mA/V
Operational current Ie IEC/EN				
AC1/AC21A				
		A	40	
AC15				
	110V	A	25	
	220/230V	A	22	
	380/400V	A	12	
	660/690V	A	2	
Rated operational power in AC				
Three-phase AC-3				
	220/230V	kW	7.5	
	380/440V	kW	15	
	500/690V	kW	15	
Single-phase AC-3				
	110V	kW	2.2	
	220/230V	kW	4.4	
	380/440V	kW	7	
Three-phase AC23A				
	220/230V	kW	9	
	380/440V	kW	18.5	
	500/690V	kW	15	
Single-phase AC23A				
	110V	kW	3	
	220/230V	kW	5.2	
	380/440V	kW	7.5	
Rated operational current in DC				

DC21A

48V	A	40
60V	A	40
110V	A	6
220V	A	0.8
440V	A	0.25

DC23A (poles in series)

24V	A	40 (1)
48V	A	40 (1)
60V	A	40 (3)
110V	A	40 (3)
220V	A	12 (4)

DC13

24V	A	40
48V	A	32
60V	A	16
110V	A	3
220V	A	0.5
440V	A	0.15

Power dissipation	W	1.6
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Mechanical features

Terminals screw	M4
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Tightening torque for terminals max	Nm	1.2
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Conductor size

AWG - Rigid cable

min	AWG	16
Max	AWG	8

AWG - Flexible cable

min	AWG	16
Max	AWG	10

Conductor size (IEC) - Flexible cable

min	mm ²	1.5
Max	mm ²	6

Conductor size (IEC) - Rigid cable

min	mm ²	1.5
Max	mm ²	10

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	5
240V	HP	10
480V	HP	15
600V	HP	15

for single-phase motor

120V	HP	2
240V	HP	5

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
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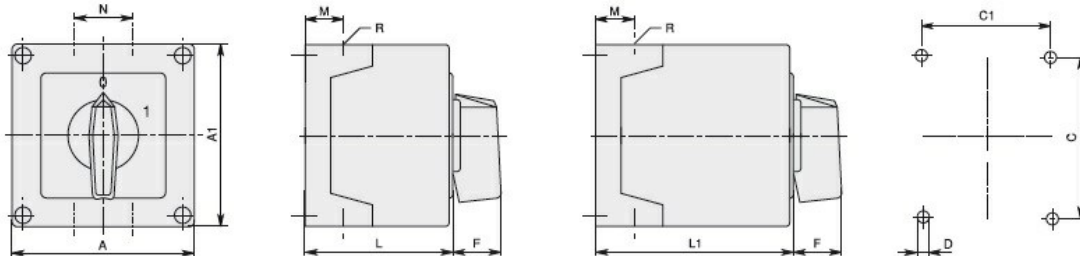
max °C +70

Resistance & Protection

Frontal IP degree IP65

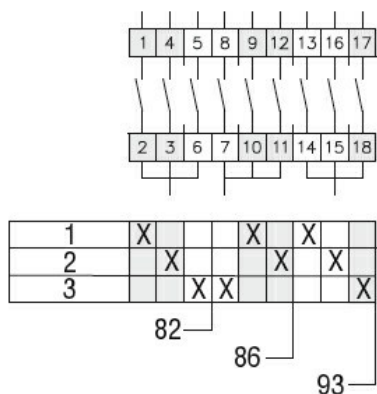
Terminals IP degree IP20

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

EC001029 -
Selector switch,
complete