

Product designation				Enclosed rotary cam switch
Product type designation				GX40
General characteristics				
Switching diagram				13 - Dahlander motor control switch 1-0-2
N° of elements				4
Mounting form				P25 - Plastic enclosure with red/yellow handle
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	40	
	UL/CSA	A	40	
Rated operational voltage			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	40	
	15kA	A	35	
	25kA	A	35	
Rated short time current I_{cw}			1s	A
				1000
Conductivity				10/5 mA/V
Operational current I_e 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

Mechanical features

Terminals screw

M4

Tightening torque for terminals max

Nm 1.2

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 1X10⁶

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

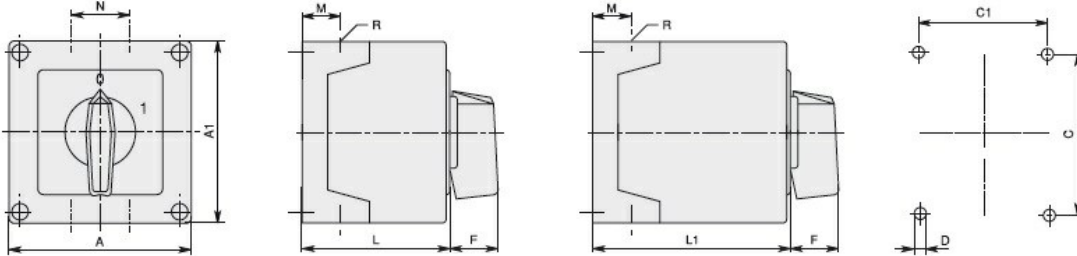
Storage temperature

min °C -40
max °C +70

Resistance & Protection

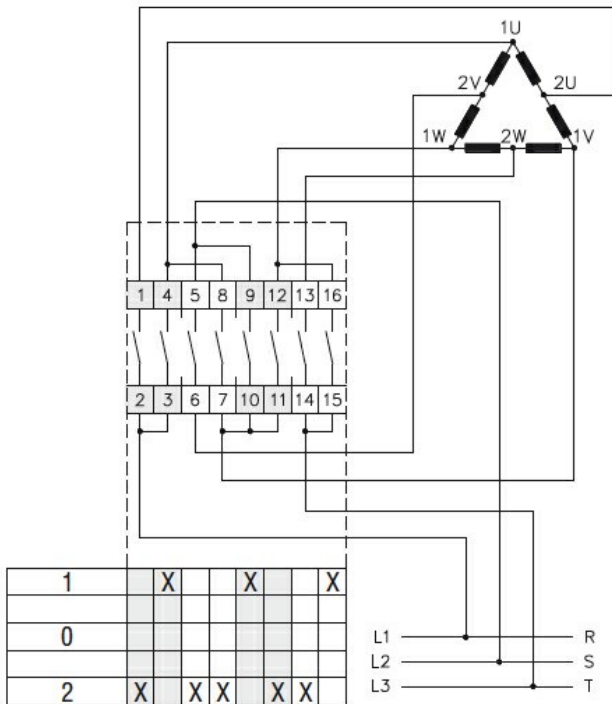
Frontal IP degree	IP65
Terminals IP degree	IP20

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												
GX20		1-3	4-7												
GX32		1-2	3-4	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
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