

Product designation	Rotary cam switches
Product type designation	GX40
<b>General characteristics</b>	
Switching diagram	19 - Dahlander motor control switch 0-1-2
N° of elements	4
Mounting form	U - Front mounting with black handle
<b>Contact characteristics</b>	
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	1s 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

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 <sup>2</sup>	1.5
Max	mm <sup>2</sup>	6

Conductor size (IEC) - Rigid cable

min	mm <sup>2</sup>	1.5
Max	mm <sup>2</sup>	10

Mechanical life

cycles 1X10<sup>6</sup>

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**

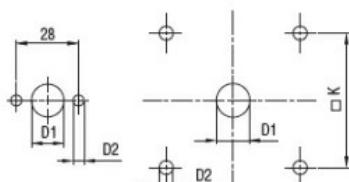
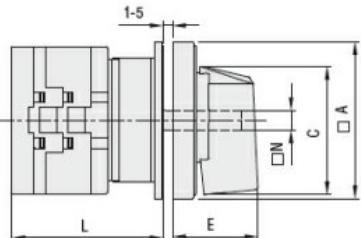
Frontal IP degree

IP65

Terminals IP degree

IP20

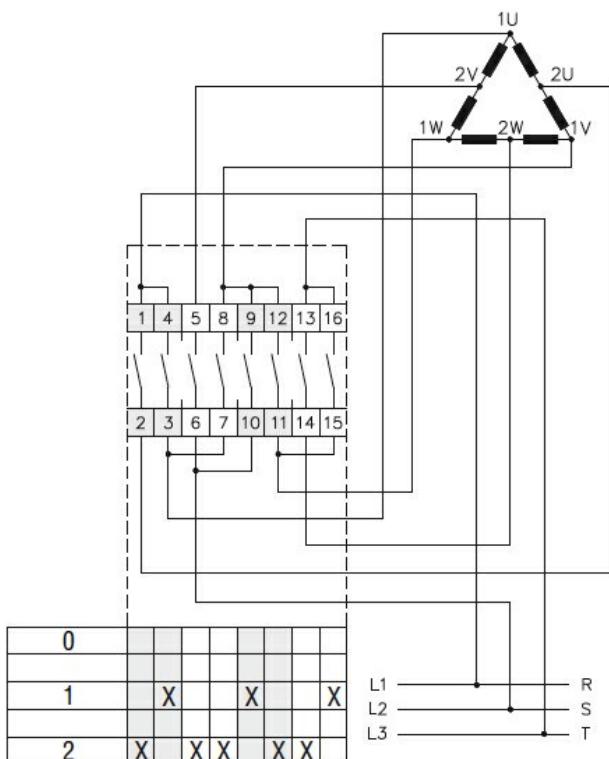
**Dimensions**



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
<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