

Product designation	Rotary cam switches
Product type designation	GX32
General characteristics	
Switching diagram	19 - Dahlander motor control switch 0-1-2
N° of elements	4
Mounting form	U - Front mounting 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 32 UL/CSA A 32
Rated operational voltage	V 440
Rated operational impulse voltage	kV 4
Maximum fuse size for short-circuit protection In (gG)	10kA A 35 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 32
AC15	110V A 25 220/230V A 20 380/400V A 10 660/690V A 2
Rated operational power in AC	
Three-phase AC-3	220/230V kW 7.5 380/440V kW 11 500/690V kW 11
Single-phase AC-3	110V kW 1.8 220/230V kW 3.5 380/440V kW 5.5
Three-phase AC23A	220/230V kW 8 380/440V kW 15 500/690V kW 15
Single-phase AC23A	110V kW 2.2 220/230V kW 3.5 380/440V kW 6

Rated operational current in DC

DC21A

48V	A	32
60V	A	32
110V	A	5
220V	A	0.8
440V	A	0.25

DC23A (poles in series)

24V	A	32 (1)
48V	A	32 (2)
60V	A	32 (3)
110V	A	15 (3)
220V	A	12 (4)

DC13

24V	A	32
48V	A	25
60V	A	14
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	3
240V	HP	7.5
480V	HP	15
600V	HP	15

for single-phase motor

120V	HP	1.5
240V	HP	3

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min °C -40
max °C +70

Resistance & Protection

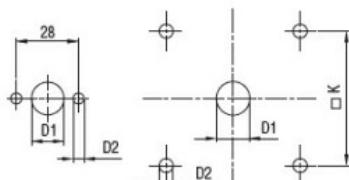
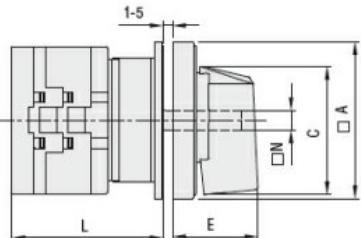
Frontal IP degree

IP65

Terminals IP degree

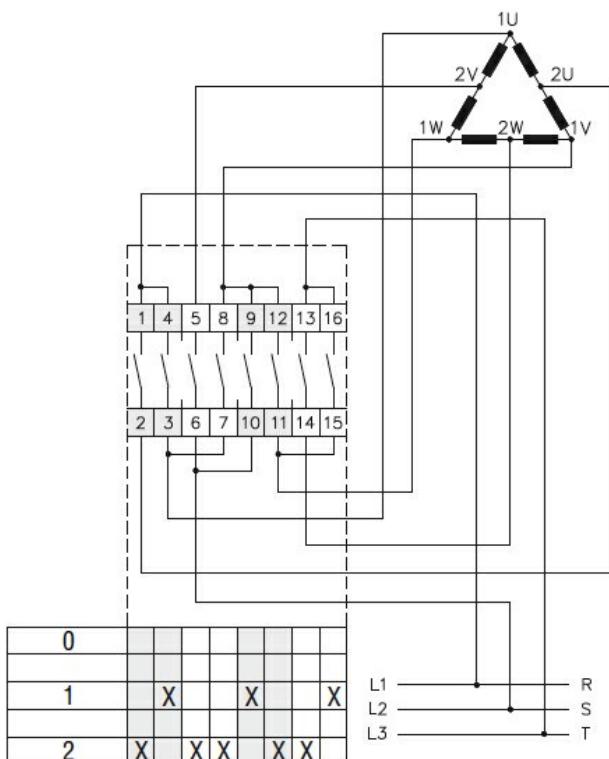
IP20

Dimensions



Series	Dimensions							L	Number of elements										
	A	C	D1	D2	E	K	N		1	2	3	4	5	6	7	8	9	10	11
GX16	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
GX20	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
GX32	65	53	14	5	34.5	48	7	51	63	75	85	99	111	123	135	147	159	171	183
GX40	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