

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 $U_i$	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	kA
				1000
Conductivity				10/5 mA/V
Operational current $I_e$ IEC/EN	AC1/AC21A			A
	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
			380/440V	kW
			500/690V	kW
	Single-phase AC-3			
			110V	kW
			220/230V	kW
			380/440V	kW
	Three-phase AC23A			
			220/230V	kW
			380/440V	kW
			500/690V	kW
Single-phase AC23A				
		110V	kW	
		220/230V	kW	
		380/440V	kW	

Rated operational current in DC

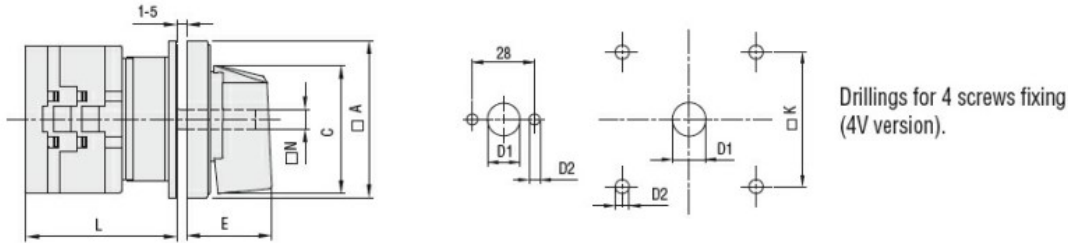
DC21A				
	48V	A	40	
	60V	A	40	
	110V	A	6	
	220V	A	0.8	
	440V	A	0.25	
DC23A (poles in series)				
	24V	A	40 (1)	
	48V	A	40 (1)	
	60V	A	40 (3)	
	110V	A	40 (3)	
	220V	A	12 (4)	
DC13				
	24V	A	40	
	48V	A	32	
	60V	A	16	
	110V	A	3	
	220V	A	0.5	
	440V	A	0.15	
Power dissipation		W	1.6	
<b>Mechanical features</b>				
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>	
<b>UL technical data</b>				
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	
<b>Ambient conditions</b>				
Temperature				
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	

max °C +70

**Resistance & Protection**

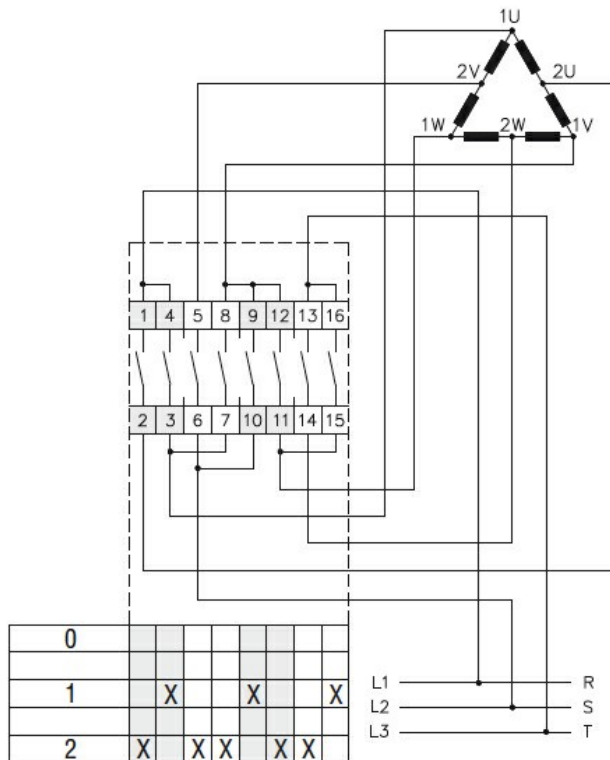
Frontal IP degree	IP65
Terminals IP degree	IP20

**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	12
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

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EAC

ETIM classification

ETIM 8.0

EC001029 -  
Selector switch,  
complete