

Product designation				Rotary cam switches
Product type designation				GX16
General characteristics				
Switching diagram				135 - Multi-step 0-1-2 3 poles
N° of elements				3
Mounting form				U - Front mounting with black handle
Contact characteristics				
Rated insulation voltage U_i		IEC/EN UL/CSA	V V	690 600
Rated impulse withstand voltage U_{imp}			kV	6
Conventional free air thermal current I_{th}		IEC/EN UL/CSA	A A	16 12
Rated operational voltage			V	440
Rated operational impulse voltage			kV	4
Maximum fuse size for short-circuit protection I_n (gG)		10kA 15kA 25kA	A A A	16 16 16
Rated short time current I_{cw}			1s kA	250
Conductivity				10/5 mA/V
Operational current I_e IEC/EN	AC1/AC21A		A	16
	AC15	110V 220/230V 380/400V 660/690V	A A A A	10 8 4 1.5
Rated operational power in AC	Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	3.5 4.5 5.5
	Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	0.55 1.5 2.2
	Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	3.7 6.5 7.5
	Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	0.75 1.8 3
Rated operational current in DC				

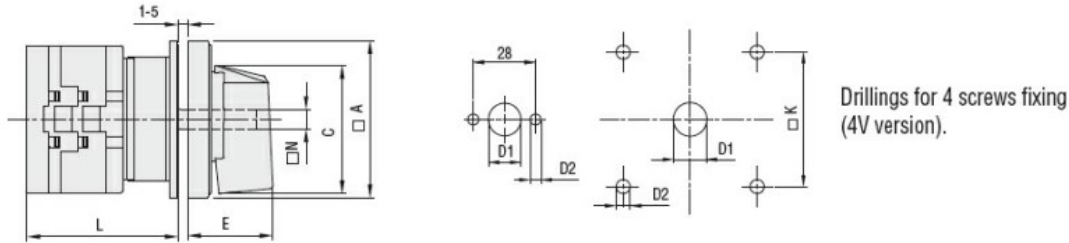
DC21A				
	48V	A	16	
	60V	A	16	
	110V	A	4	
	220V	A	0.6	
	440V	A	0.25	
DC23A (poles in series)				
	24V	A	16 (1)	
	48V	A	16 (2)	
	60V	A	16 (3)	
	110V	A	10 (3)	
	220V	A	7 (4)	
DC13				
	24V	A	16	
	48V	A	14	
	60V	A	10	
	110V	A	1	
	220V	A	0.4	
	440V	A	0.15	
Power dissipation		W	0.6	
Mechanical features				
Terminals screw				3M
Tightening torque for terminals max		Nm	0.5	
Conductor size				
AWG - Rigid cable				
	min	AWG	20	
	Max	AWG	12	
AWG - Flexible cable				
	min	AWG	20	
	Max	AWG	12	
Conductor size (IEC) - Flexible cable				
	min	mm ²	0.5	
	Max	mm ²	2.5	
Conductor size (IEC) - Rigid cable				
	min	mm ²	0.5	
	Max	mm ²	2.5	
Mechanical life		cycles	1X10 ⁶	
UL technical data				
Motor power for direct-on-line control				
for three-phase motor				
	120V	HP	1.5	
	240V	HP	3	
	480V	HP	5	
	600V	HP	5	
for single-phase motor				
	120V	HP	0.75	
	240V	HP	1	
Ambient conditions				
Temperature				
Operating temperature				
	min	°C	-25	
	max	°C	+55	
Storage temperature				
	min	°C	-40	

max °C +70

Resistance & Protection

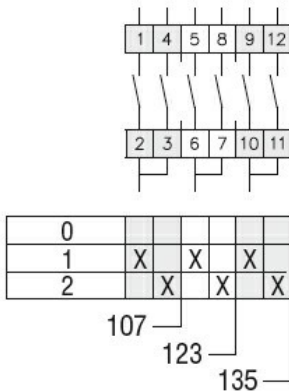
Frontal IP degree	IP65
Terminals IP degree	IP20

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	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
- EAC

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete