

General characteristics

Switching diagram	110 - Multi-step 0-1-2-3-4-5 1 pole
N° of elements	3
Mounting form	P - Plastic enclosure with black 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	20
	UL/CSA	A	15
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	20
	15kA	A	20
	25kA	A	20
Rated short time current I_{cw}	1s	kA	250
Conductivity			10/5 mA/V
Operational current I_e IEC/EN	AC1/AC21A		
		A	20
	AC15		
	110V	A	10
	220/230V	A	8
	380/400V	A	6
	660/690V	A	1.5
	Rated operational power in AC		
	Three-phase AC-3		
	220/230V	kW	3.7
	380/440V	kW	5.5
	500/690V	kW	5.5
	Single-phase AC-3		
	110V	kW	0.75
	220/230V	kW	1.8
	380/440V	kW	3
	Three-phase AC23A		
	220/230V	kW	4
	380/440V	kW	7.5
	500/690V	kW	7.5
	Single-phase AC23A		
	110V	kW	0.75
	220/230V	kW	2.2
	380/440V	kW	3.5
Rated operational current in DC	DC21A		
	48V	A	20

		60V	A	20
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	20 (1)
		48V	A	20 (2)
		60V	A	20 (3)
		110V	A	10 (3)
		220V	A	8 (4)
DC13				
		24V	A	20
		48V	A	16
		60V	A	12
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				M3
Tightening torque for terminals max			Nm	0.8
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		1.5
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

Technical drawings of the GX series rotary cam switch showing front, side, and top views with dimension labels.

Front View: Shows the square enclosure with dimensions N (width), L (height), A (inner width), and L1 (inner height). The central cam is labeled '1'.

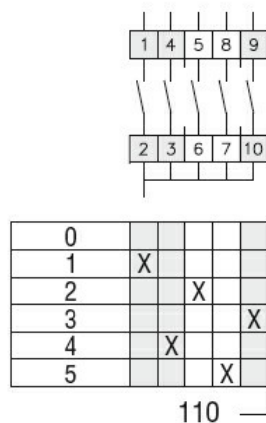
Side View (Left): Shows the profile of the enclosure with dimensions R (radius), L (length), and F (flange thickness).

Side View (Right): Shows the profile of the enclosure with dimensions M (radius), R (radius), L1 (length), and F (flange thickness).

Top View: Shows the square enclosure with dimensions C1 (width), L (height), and D (hole diameter).

Series	Enclosure size	Number of elements		Dimensions										Cable entry	Protection degree
		L	L1	A	A1	C	C1	D	F	M	N	L	L1		
GX1600	90x90	1-2	3-5	90	90	79	79	4.5	25	19	30	71.3	98.3	4xPG16	IP65
GX2000		1-2	3-5												
GX16	110x110	1-3	4-7	110	110	98.4	83	4.5	32	21	39.5	85.5	119.5	4xPG21	IP65
GX20		1-3	4-7												
GX3200		1-2	3-4												
GX4000		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