

General characteristics

Switching diagram	52 - Changeover switch 2 poles
N° of elements	2
Mounting form	P - Plastic enclosure 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	40 40
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	40 35 35
Rated short time current I_{cw}	1s	kA	1000
Conductivity			10/5 mA/V
Operational current I_e IEC/EN			
AC1/AC21A		A	40
AC15	110V 220/230V 380/400V 660/690V	A A A A	25 22 12 2
Rated operational power in AC			
Three-phase AC-3	220/230V 380/440V 500/690V	kW kW kW	7.5 15 15
Single-phase AC-3	110V 220/230V 380/440V	kW kW kW	2.2 4.4 7
Three-phase AC23A	220/230V 380/440V 500/690V	kW kW kW	9 18.5 15
Single-phase AC23A	110V 220/230V 380/440V	kW kW kW	3 5.2 7.5
Rated operational current in DC			
DC21A	48V 60V	A A	40 40

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH 2 POLES 40A IN
PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

		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 ²	1.5
		Max	mm ²	6
Conductor size (IEC) - Rigid cable				
		min	mm ²	1.5
		Max	mm ²	10
Mechanical life			cycles	1X10 ⁶
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

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), A1 (height), A (inner width), and C (inner height). The cam mechanism is visible in the center.

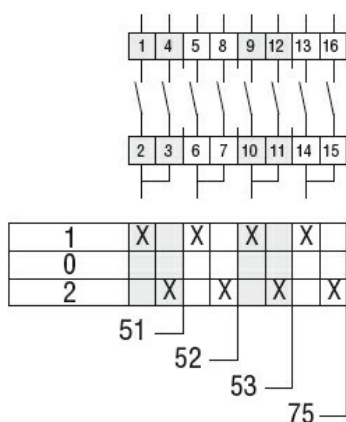
Side View (Left): Shows the profile of the enclosure with dimensions B (top flange), R (radius), L (base length), and F (flange thickness).

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

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

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