

General characteristics

Switching diagram	69 - Changeover switch without 0 4 poles
N° of elements	4
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
	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
Rated operational power in AC	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

ENCLOSED ROTARY CAM SWITCH GX SERIES, CHANGEOVER SWITCH WITHOUT 0, 4
POLES 20A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

		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 switch enclosure, showing front, side, and top views with dimensions.

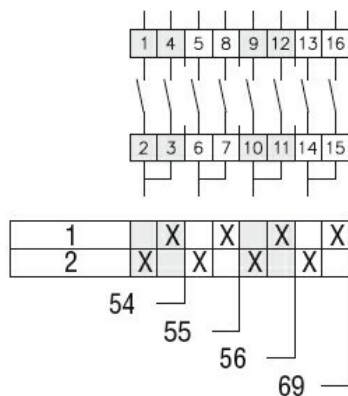
Front View: Dimensions include N (width), L (height), A (width), L1 (height), and C1 (width).

Side View: Dimensions include M (width), R (radius), L (height), and F (width).

Top View: Dimensions include C1 (width), L (height), and D (width).

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