

General characteristics

Switching diagram	11 - 3-phase motor reversing switch
N° of elements	3
Mounting form	P25 - Plastic enclosure with red/yellow handle

Contact characteristics

Rated insulation voltage Ui		IEC/EN	V	690
		UL/CSA	V	600
Rated impulse withstand voltage Uimp			kV	6
Conventional free air thermal current Ith		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 In (gG)		10kA	A	20
		15kA	A	20
		25kA	A	20
Rated short time current Icw				
		1s	kA	250
Conductivity				10/5 mA/V
Operational current Ie 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 switch enclosure, showing front, side, and top views with dimensions.

Front View: Dimensions include N (width), A (width), L (width), L1 (width), and A1 (width).

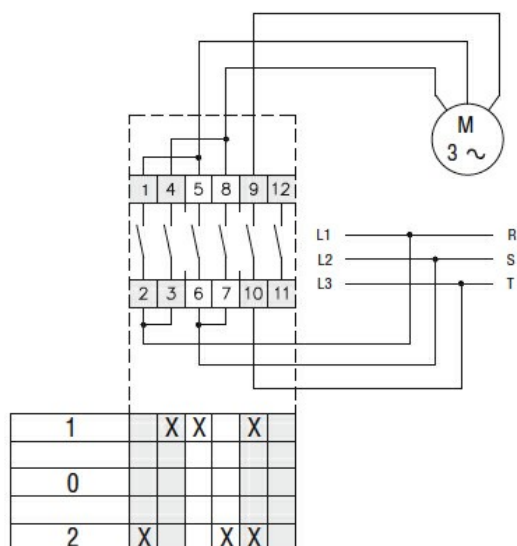
Side View: Dimensions include R (radius), L (width), and F (depth).

Top View: Dimensions include M (width), R (radius), L1 (width), and F (depth).

Top View (Detail): Dimensions include C1 (width), D (width), and L1 (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