



General characteristics

Switching diagram	12 - Star-delta motor starter switch
N° of elements	4
Mounting form	P - Plastic enclosure with black 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	40
	UL/CSA	A	40
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection In (gG)	10kA	A	40
	15kA	A	35
	25kA	A	35
Rated short time current Icw			
	1s	kA	1000
Conductivity			10/5 mA/V
Operational current Ie IEC/EN			
	AC1/AC21A	A	40
AC15	110V	A	25
	220/230V	A	22
	380/400V	A	12
	660/690V	A	2
Rated operational power in AC			
	Three-phase AC-3		
	220/230V	kW	7.5
	380/440V	kW	15
	500/690V	kW	15
	Single-phase AC-3		
	110V	kW	2.2
	220/230V	kW	4.4
	380/440V	kW	7
	Three-phase AC23A		
	220/230V	kW	9
	380/440V	kW	18.5
	500/690V	kW	15

ENCLOSED ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH
40A IN PLASTIC ENCLOSURE 110X110MM WITH BLACK HANDLE

Single-phase AC23A

110V	kW	3
220/230V	kW	5.2
380/440V	kW	7.5

Rated operational current in DC

DC21A

48V	A	40
60V	A	40
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 1X10⁶

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

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Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree IP65

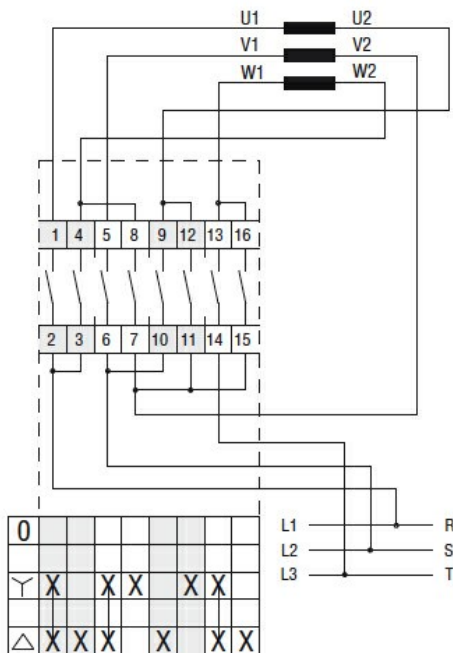
Terminals IP degree IP20

Dimensions

Technical drawings of the GX series switch showing front, side, and top views with dimension lines for L, L1, A, A1, C, C1, D, F, M, N, L, L1, and cable entry.

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