

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 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	16
	UL/CSA	A	12
Rated operational voltage		V	440
Rated operational impulse voltage		kV	4
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	16
	15kA	A	16
	25kA	A	16
Rated short time current I_{cw}	1s	kA	250
Conductivity			10/5 mA/V
Operational current I_e IEC/EN	AC1/AC21A		
		A	16
	AC15	110V	A 10
		220/230V	A 8
		380/400V	A 4
		660/690V	A 1.5
	Three-phase AC-3	220/230V	kW 3.5
		380/440V	kW 4.5
		500/690V	kW 5.5
	Single-phase AC-3	110V	kW 0.55
		220/230V	kW 1.5
		380/440V	kW 2.2
Rated operational power in AC	Three-phase AC23A	220/230V	kW 3.7
		380/440V	kW 6.5
		500/690V	kW 7.5
	Single-phase AC23A	110V	kW 0.75
		220/230V	kW 1.8
		380/440V	kW 3
	Rated operational current in DC		
DC21A	48V	A	16

ENCLOSED ROTARY CAM SWITCH GX SERIES, STAR-DELTA MOTOR STARTER SWITCH
16A IN PLASTIC ENCLOSURE 90X90MM WITH BLACK HANDLE

		60V	A	16
		110V	A	4
		220V	A	0.6
		440V	A	0.25
DC23A (poles in series)				
		24V	A	16 (1)
		48V	A	16 (2)
		60V	A	16 (3)
		110V	A	10 (3)
		220V	A	7 (4)
DC13				
		24V	A	16
		48V	A	14
		60V	A	10
		110V	A	1
		220V	A	0.4
		440V	A	0.15
Power dissipation			W	0.6
Mechanical features				
Terminals screw				3M
Tightening torque for terminals max			Nm	0.5
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
Ambient conditions				
Temperature				
Operating temperature				
		min	°C	-25
		max	°C	+55
Storage temperature				
		min	°C	-40
		max	°C	+70
Resistance & Protection				

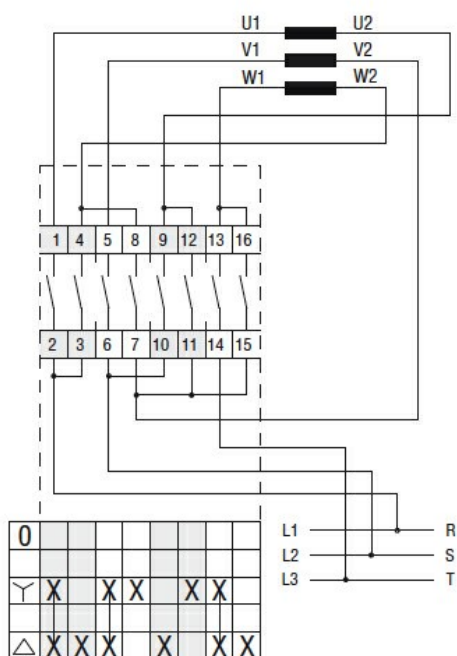
Frontal IP degree IP65

Terminals IP degree	IP20
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Dimensions

Technical drawings of the GX enclosure showing front, side, and top views with dimensions L, L1, A, A1, C, C1, D, F, M, N, and L1.

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