



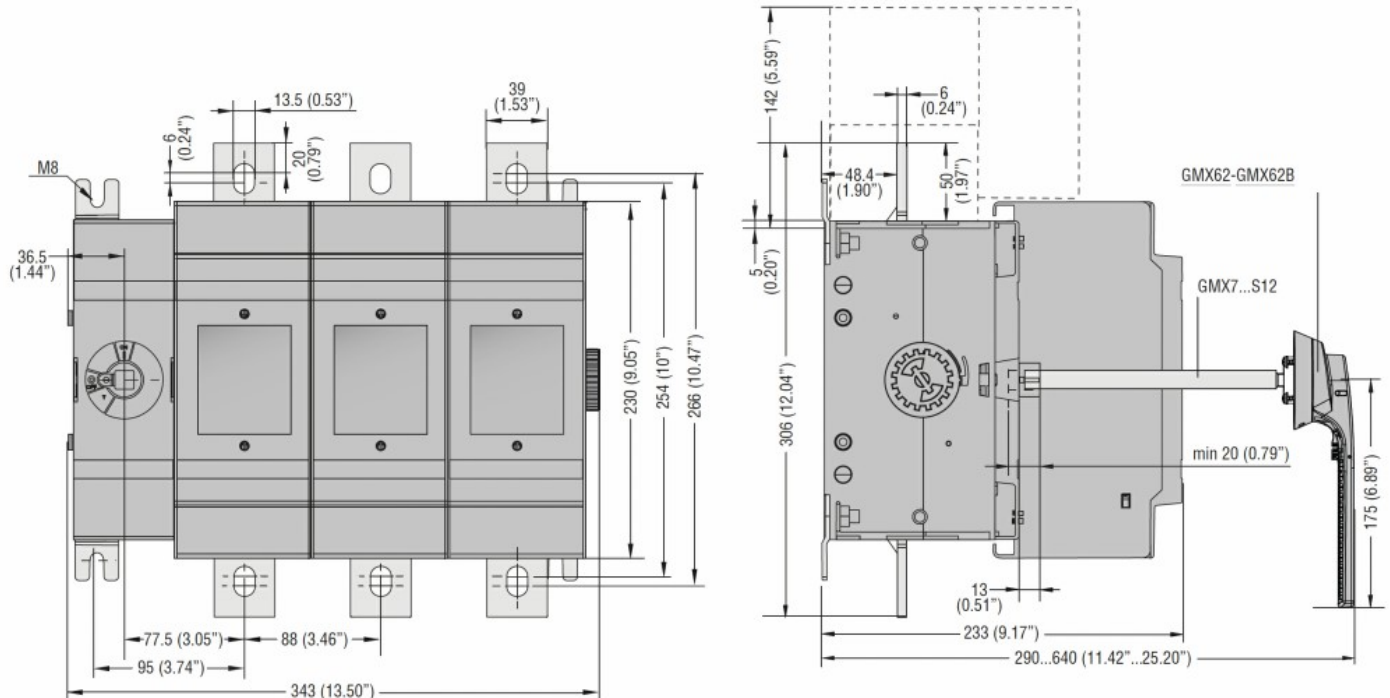
Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	800
IEC Conventional free air thermal current $I_{th} \leq 65^{\circ}\text{C}$	A	640
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
	400V	A 800
	500V	A 800
	690V	A 800
AC22A		
	400V	A 800
	500V	A 800
	690V	A 800
AC23A		
	400V	A 800
	500V	A 800
	690V	A 800
Power dissipation per pole max	W	75
Power dissipation per pole without fuse	W	75
Max fuse power dissipation		
	in open air	W 55
	in enclosure	W 55
Rated operational power AC23A		
	400V	kW 450
	690V	kW 710
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	20
Short-circuit protection with fuse	Class/A	L/800
Making capacity AC23A 400V	A	8000
Breaking capacity AC23A 400V	A	6400
Mechanical life	cycles	3000
Electrical life AC21A	cycles	500 (AC23A 400V)

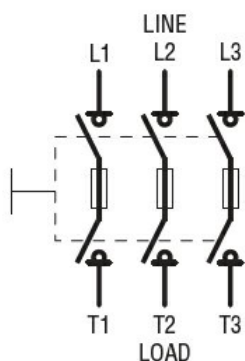
Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	Bar
Tightening torque for terminals		
	max	Nm 56.5
	max	Ibin 500
Tightening torque for fuse links bolts		Nm 40

Tightening torque for terminal lug	Nm	54
Conductor section	AWG/kcmil min	(2x) 2
Terminal kit lugs		GMX504
UL technical data		
UL Standard		UL98
General purpose current rating	A	800
Operating voltage max	V	600
Horsepower/FLA current three phase motor		
	240V	HP/A 250/602
	480V	HP/A 500/590
	600V	HP/A 600/472
Short circuit rating	kA rms	200
Short circuit rating with fuse	Class/A	L/800
Ambient conditions		
Operating temperature		
	min °C	-25
	max °C	55
Storage temperature		
	min °C	-40
	max °C	70
Max altitude	m	3000
Resistance & Protection		
Frontal IP degree		IP20
Pollution degree		3
Dimensions		



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

CSA C22.2 n°4

cULus according to UL98

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter