



Product designation

Product type designation

Type of fuse

Number of poles

Operating voltage type

Switch
disconnecter with
fuse
GM
J
Nr. 3
AC

Contact characteristics

IEC Conventional free air thermal current I _{th}	A	600
Rated insulation voltage U _i IEC/EN	V	1000
Rated impulse withstand voltage U _{imp}	kV	12
Operating current I _e		

AC21A

400V	A	630
500V	A	630
690V	A	630

AC22A

400V	A	630
500V	A	600
690V	A	600

AC23A

400V	A	630
500V	A	630
690V	A	630

Power dissipation per pole max	W	46
Power dissipation per pole without fuse	W	46
Max fuse power dissipation		
	in open air	W 50
	in enclosure	W 50

Rated operational power AC23A		
	400V	kW 355
	690V	kW 630

Rated short time current (1s) I _{cs} (rms)	kA	20
Short-circuit protection with fuse	Class/A	J/600
Making capacity AC23A 400V	A	6300
Breaking capacity AC23A 400V	A	6400
Mechanical life	cycles	5000
Electrical life AC21A	cycles	1000 (AC23A 400V)

Mechanical features

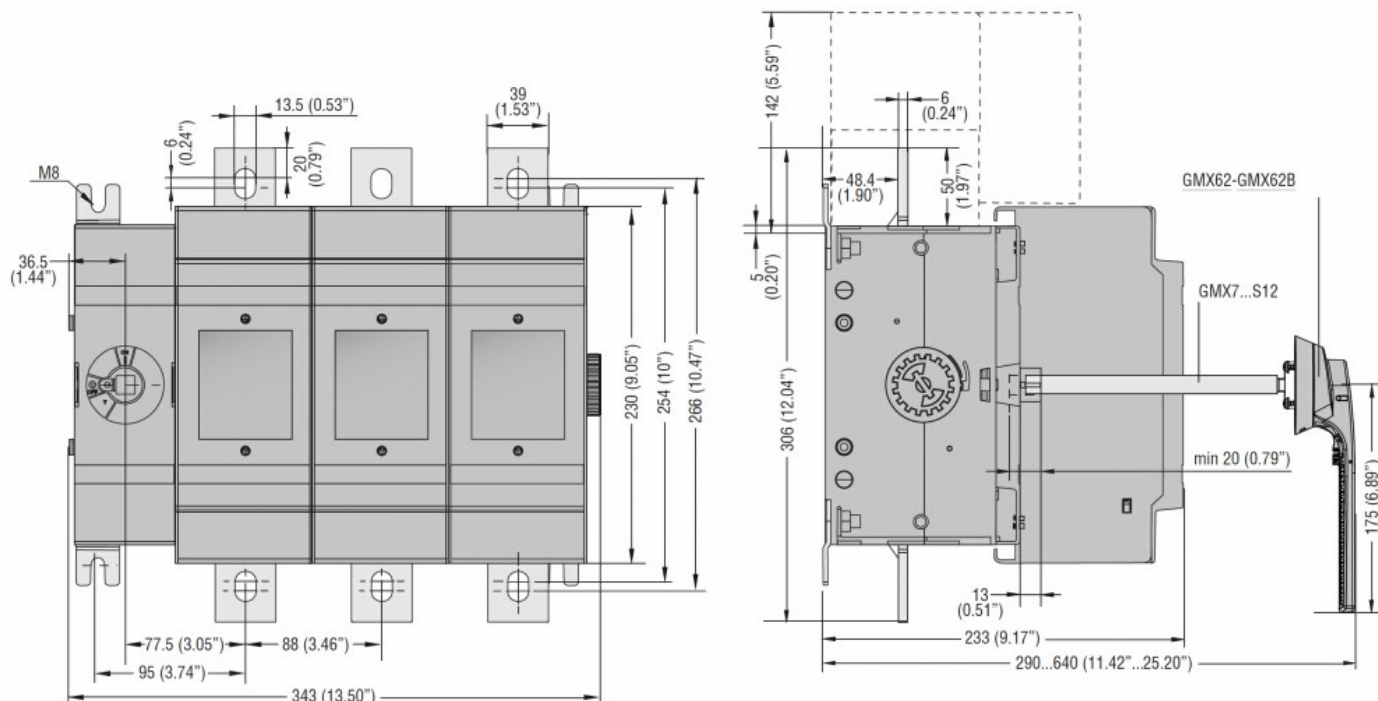
Operating position

normal
allowable
Vertical plan
Any

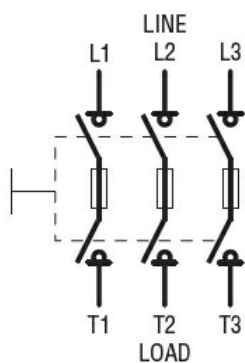
Fixing		Screw
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Terminals

	type	Bar
Tightening torque for terminals	max	Nm 56.5
	max	lbin 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	600
Operating voltage max	V	600
Horsepower/FLA current three phase motor	240V	HP 200/480
	480V	HP 400/477
	600V	HP 500/472
Short circuit rating	kA rms	200
Short circuit rating with fuse	Class/A	J/600
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

cULus according to UL98/CSA C22.2 n°4

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter