



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	100
IEC Conventional free air thermal current $I_{th} \leq 65^{\circ}\text{C}$	A	80
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A		
400V	A	160
500V	A	160
AC22A		
400V	A	160
500V	A	160
AC23A		
400V	A	160
500V	A	160
Power dissipation per pole max	W	9
Max fuse power dissipation		
in open air	W	12
in enclosure	W	12
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	5
Short-circuit protection with fuse	Class/A	J/100
Making capacity AC23A 400V	A	1600
Breaking capacity AC23A 400V	A	1280
Mechanical life	cycles	8000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type	Bar
Tightening torque for terminals		
max	Nm	13.5
max	Ibin	120
Tightening torque for fuse links bolts	Nm	4
Tightening torque for terminal lug	Nm	5.5
Conductor section		
Terminal kit lugs		GMX500
UL Standard		UL98
General purpose current rating	A	100
Operating voltage max	V	600
Horsepower/FLA current three phase motor		
240V	HP/A	30/80

	480V	HP/A	60/77
	600V	HP/A	75/77
Short circuit rating		kA rms	200
Short circuit rating with fuse		Class/A	J/100

Ambient conditions

Operating temperature

min	°C	-25
max	°C	55

Storage temperature

min	°C	-40
max	°C	70

Max altitude

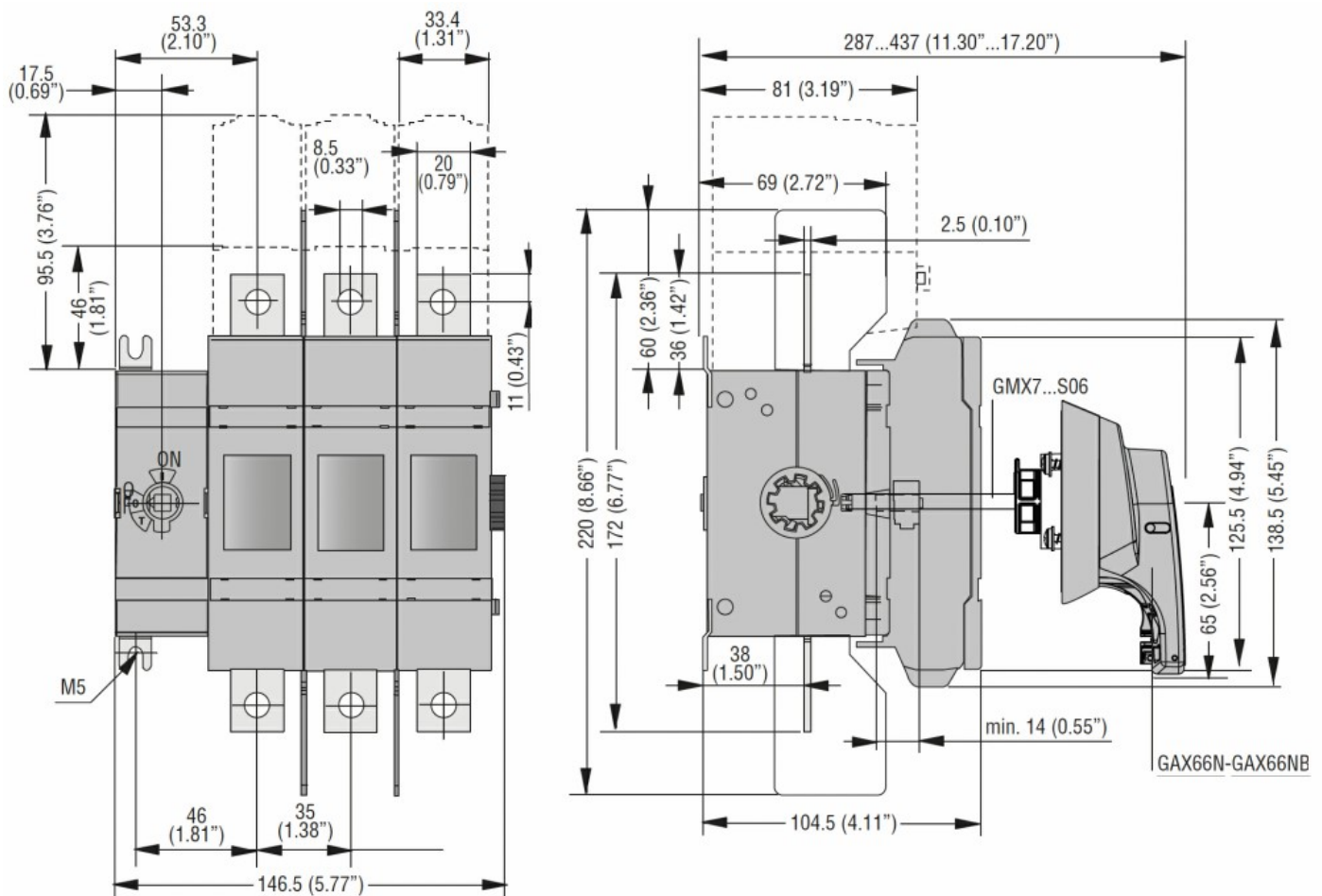
m	3000
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Resistance & Protection

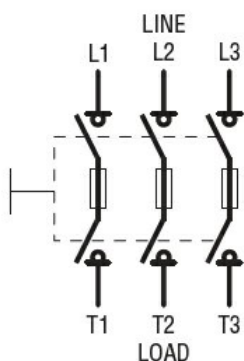
Pollution degree

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