



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 max	Nm lbin
		56.5 500
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

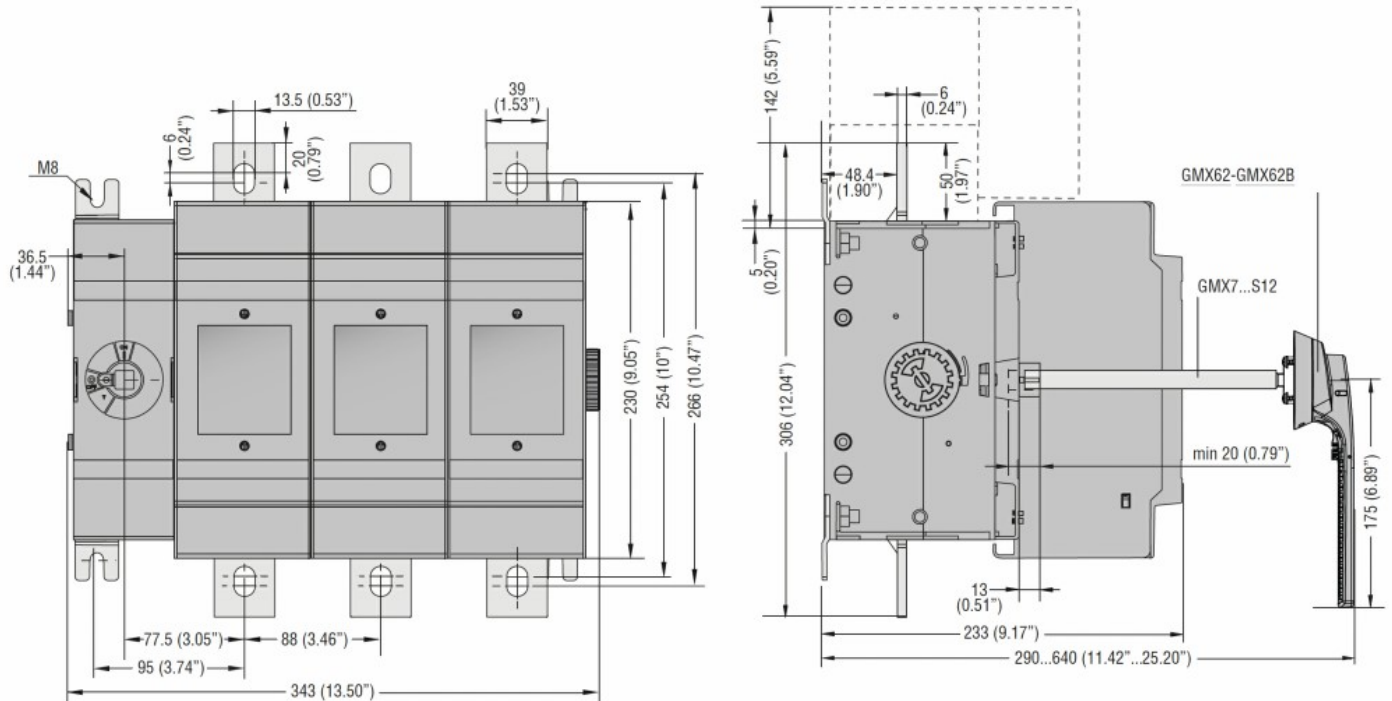
Storage temperature	min	°C	-40
	max	°C	70

Max altitude	m	3000
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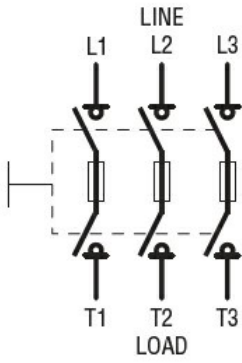
Resistance & Protection

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
disconnector