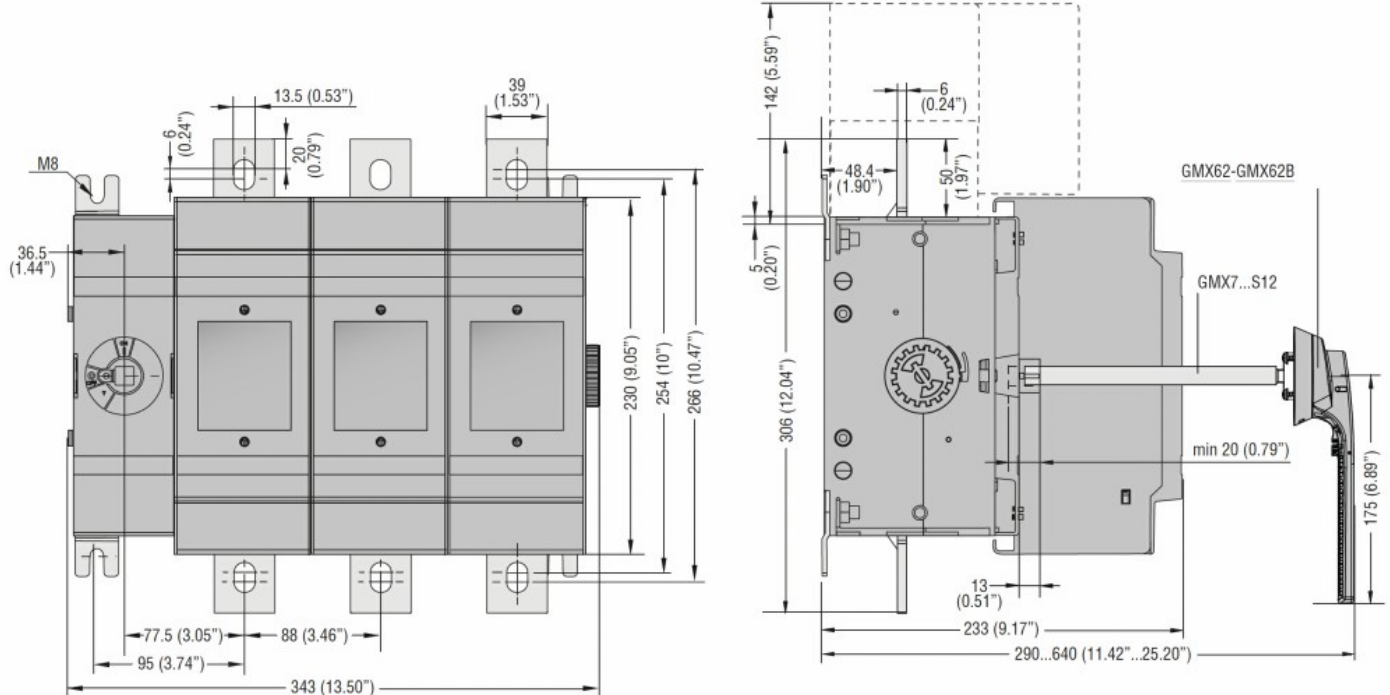




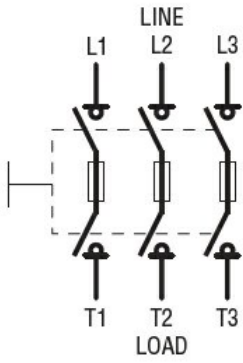
Product designation				Switch disconnecter with fuse
Product type designation				GM
Type of fuse				L
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			800
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse 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	
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	lbin 41.6
		Nm 40
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 250/602
	480V	HP 500/590
	600V	HP 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

cULus according to UL98/CSA C22.2 n°4

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter