



Product designation			Switch disconnecter with fuse
Product type designation			GM
Type of fuse			J
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current I _{th}		A	32
Rated insulation voltage U _i IEC/EN		V	1000
Rated impulse withstand voltage U _{imp}		kV	12
Operating current I _e			
	AC21A		
		400V	A 32
		500V	A 32
		690V	A 32
	AC22A		
		400V	A 32
		500V	A 63
		690V	A 63
	AC23A		
		400V	A 32
		500V	A 32
		690V	A 32
Power dissipation per pole max		W	2
Power dissipation per pole without fuse		W	2
Max fuse power dissipation			
		in open air	W 3.5
		in enclosure	W 3.5
Rated operational power AC23A			
		400V	kW 15
		690V	kW 22
Rated short time current (1s) I _{cw} (rms)		kA	1
Short-circuit protection with fuse		Class/A	J-CC/30
Making capacity AC23A 400V		A	320
Breaking capacity AC23A 400V		A	256
Mechanical life		cycles	10000
Electrical life AC21A		cycles	6000
Mechanical features			
Operating position		normal allowable	Vertical plan Any
Fixing			Screw / DIN rail 35mm
Terminals			

	type	Built-in terminal lug
Tightening torque for terminals	max	Nm 2
	max	lbin 1.4

Conductor section	IEC min	mm ²	1
	IEC max	mm ²	10
	AWG/kcmil min		18
	AWG/kcmil max		8

UL technical data

UL Standard		UL98
General purpose current rating	A	30
Operating voltage max	V	600
Horsepower/FLA current three phase motor	240V	HP 7.5/22
	480V	HP 15/21
	600V	HP 20/22
Short circuit rating	kA rms	200
Short circuit rating with fuse	Class/A	J/30

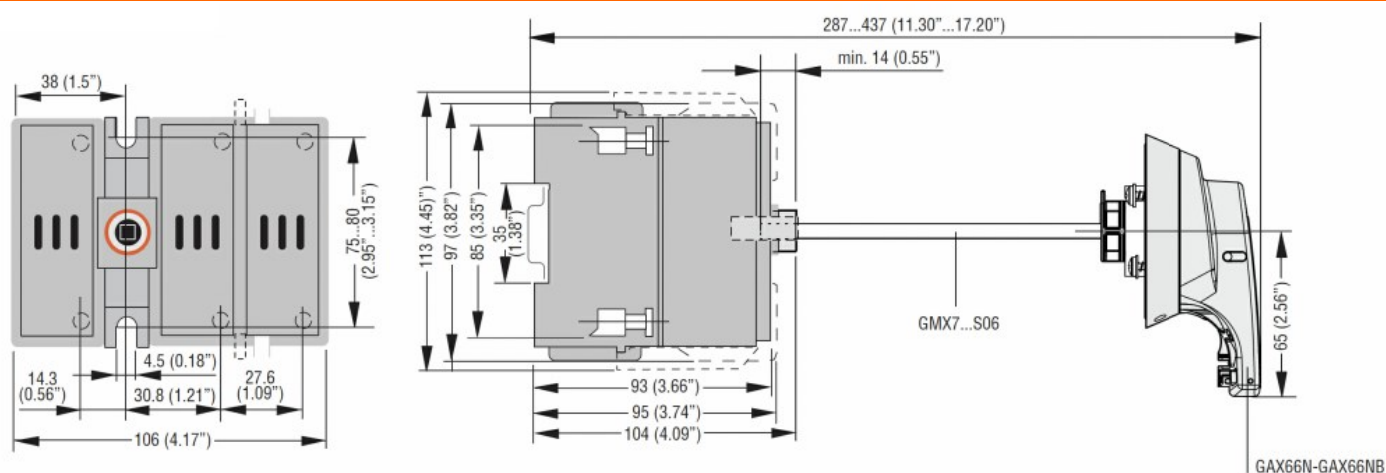
Ambient conditions

Operating temperature	min	°C	-25
	max	°C	55
Storage temperature	min	°C	-40
	max	°C	70
Max altitude	m		3000

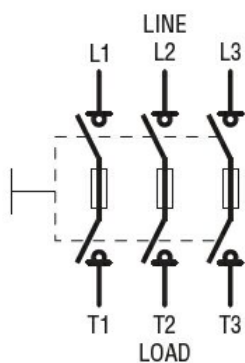
Resistance & Protection

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