



Product designation				Switch disconnecter with fuse
Product type designation				GM
Type of fuse				J
Number of poles	Nr.			3
Operating voltage type				AC
<b>Contact characteristics</b>				
IEC Conventional free air thermal current I <sub>th</sub>	A			32
Rated insulation voltage U <sub>i</sub> IEC/EN	V			1000
Rated impulse withstand voltage U <sub>imp</sub>	kV			12
Operating current I <sub>e</sub>				
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 <sub>cw</sub> (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
<b>Mechanical features</b>				
Operating position		normal allowable	Vertical plan Any	
Fixing				Screw / DIN rail 35mm
Terminals				

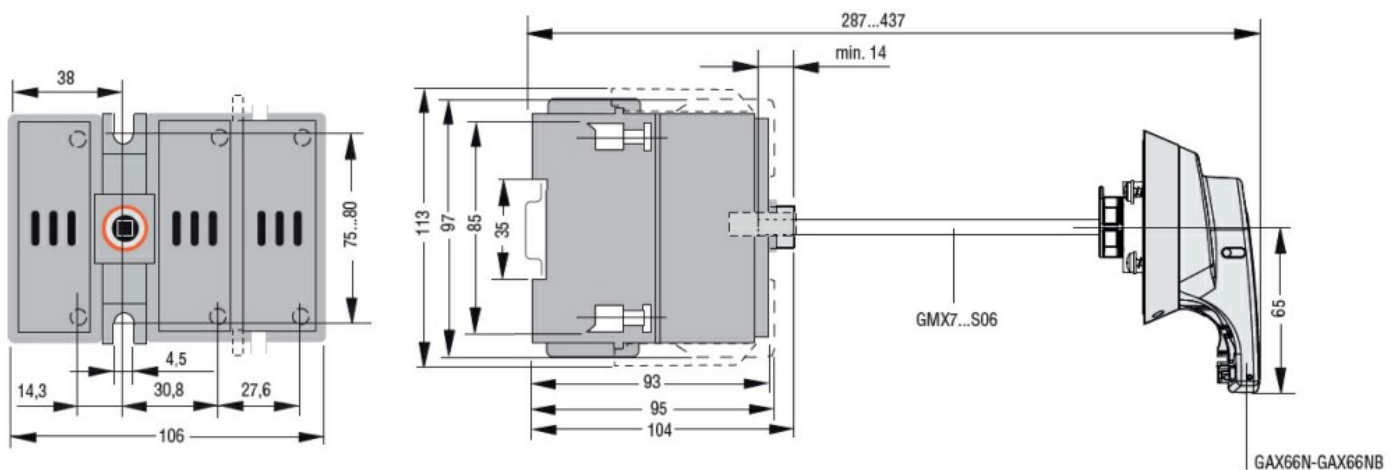
	type	Built-in terminal lug	
Tightening torque for terminals	max	Nm	2
	max	Ibin	1.4
Conductor section	IEC min	mm <sup>2</sup>	1
	IEC max	mm <sup>2</sup>	10
	AWG/kcmil min		18
	AWG/kcmil max		8
<b>UL technical data</b>			
UL Standard			UL98
General purpose current rating		A	30
Operating voltage max		V	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

<b>Ambient conditions</b>			
Operating temperature	min	°C	-25
	max	°C	55

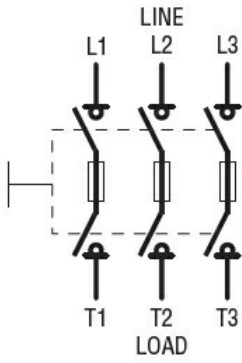
Storage temperature	min	°C	-40
	max	°C	70
Max altitude		m	3000

<b>Resistance &amp; Protection</b>			
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