



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	lbin	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

**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

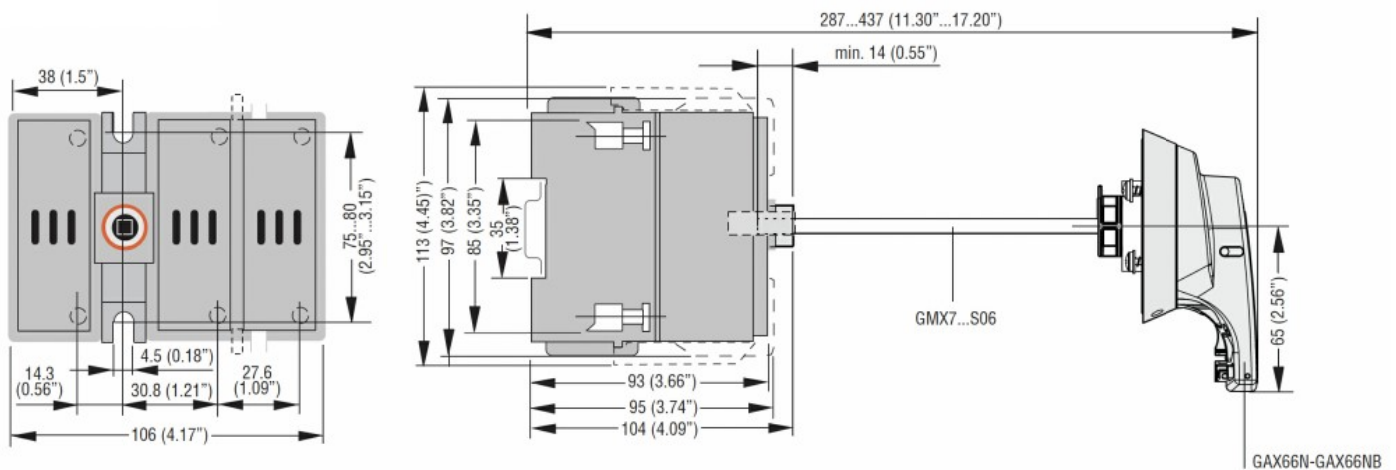
**Ambient conditions**

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

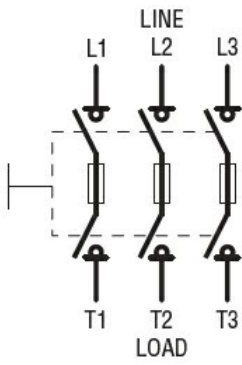
**Resistance & Protection**

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