



**Contact characteristics**

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	32
IEC Conventional free air thermal current $I_{th} \leq 65^\circ\text{C}$	A	25
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 32
	690V	A 32
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
Reactive power for control of capacitors at		
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	Ibin 17

Conductor section

IEC min	mm <sup>2</sup>	1
IEC max	mm <sup>2</sup>	10
AWG/kcmil min		18
AWG/kcmil max	kcmil	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/A 7.5/22
	480V	HP/A 15/21
	600V	HP/A 20/22

Short circuit rating	kA rms	200
Short circuit rating with fuse	Class/A	CC/30

Ambient conditions

Operating temperature			
	min	°C	-25
	max	°C	55

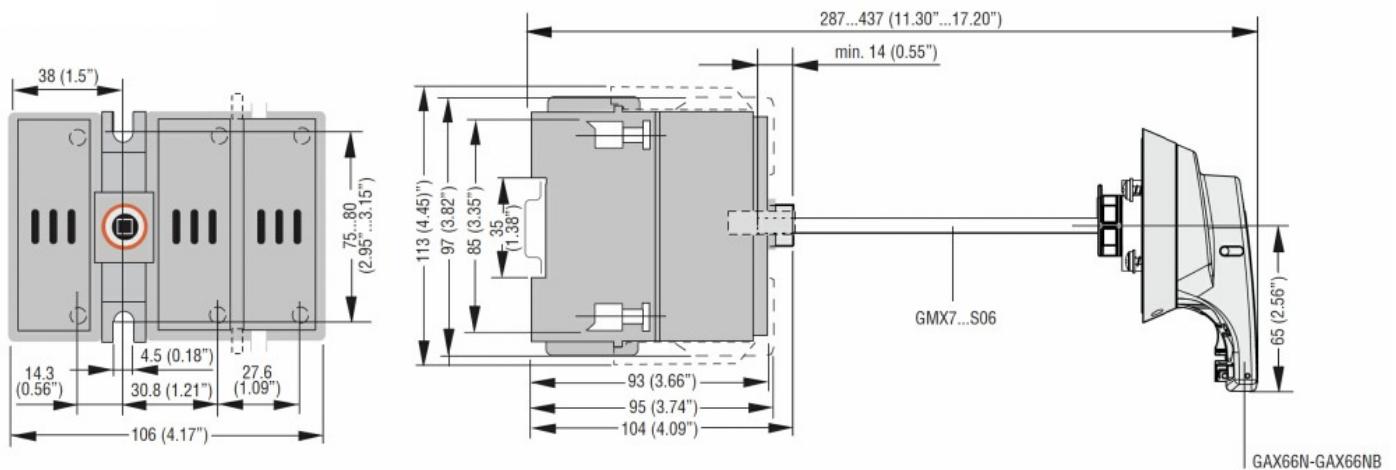
Storage temperature			
	min	°C	-40
	max	°C	70

Max altitude	m	3000
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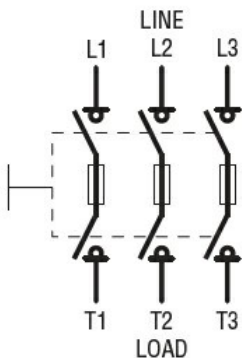
Resistance & Protection

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  
disconnecter