



Product designation				Switch disconnecter
Product type designation				GA
Number of poles	Nr.			3
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}	A			160
Rated insulation voltage U _i IEC/EN	V			1000
Rated impulse withstand voltage U _{imp}	kV			8
Operating current I _e				
AC21A	400V	A	160	
	500V	A	160	
	690V	A	160	
AC22A	400V	A	160	
	500V	A	125	
	690V	A	125	
AC23A	400V	A	125	
	500V	A	100	
	690V	A	47	
Power dissipation per pole max	W			12
Rated operational power AC23A	400V	kW	47	
	690V	kW	47	
Rated short time current (1s) I _{cw} (rms)	kA			2.5
Conditional short-circuit current (rms)	kA			47
Short-circuit protection with fuse	Class/A			47
Making capacity AC23A 400V	A			1250
Breaking capacity AC23A 400V	A			1000
Mechanical life	cycles			30000
Electrical life AC21A	cycles			1500 (AC23A 400V)
Mechanical features				
Operating position	normal allowable			Vertical plan Any
Fixing				Screw / DIN rail 35mm
Terminals	type			Pillar
	width	mm	12.4	
	height	mm	10.4	
	screw			M8
	tool			Metric Allen key 4

Tightening torque for terminals

min	Nm	5
max	Nm	6
min	lbin	45
max	lbin	54

Conductor section

IEC min	mm ²	4
IEC max	mm ²	70
AWG/kcmil min		12
AWG/kcmil max		1

UL technical data

UL Standard	UL98
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Minimum enclosure dimensions at rated current

mm	mm	150x140x110
in	in	5.9 x 5.5 x 4.3

Ambient conditions

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Max altitude

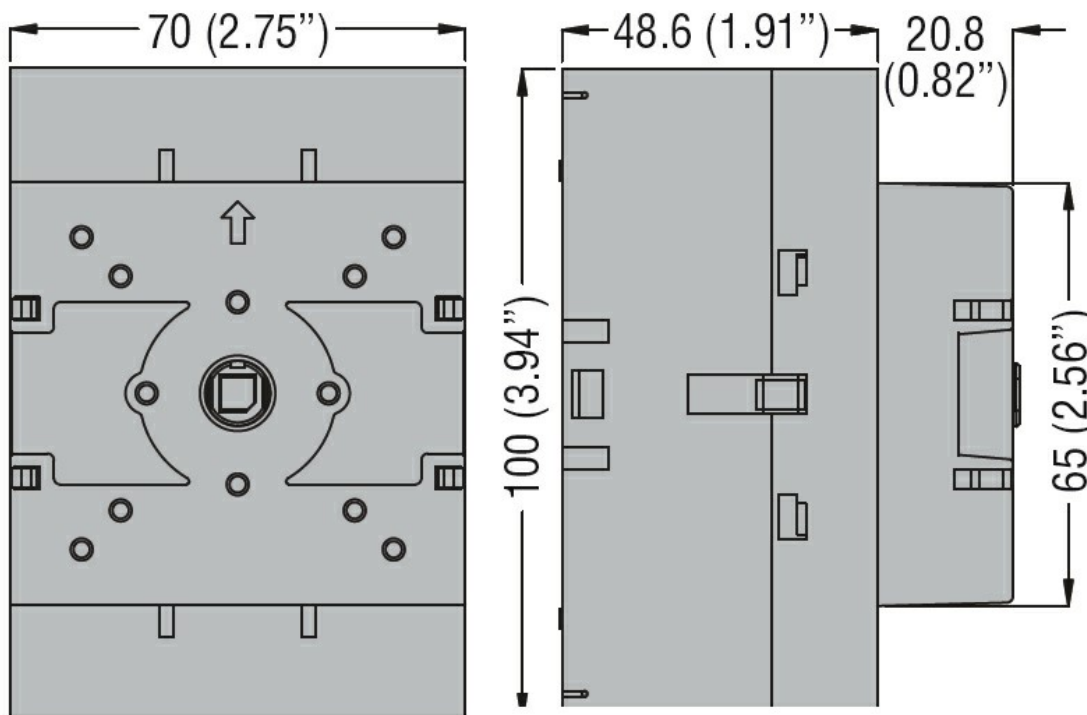
m	3000
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Resistance & Protection

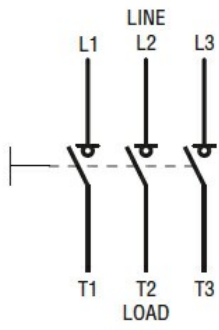
Frontal IP degree	IP20
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Pollution degree	3
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter