



Product designation

Switch  
disconnecter

Product type designation

GA

Number of poles

nr. 3

Operating voltage type

AC

**Contact characteristics**

Conventional free air thermal current I<sub>th</sub> IEC/EN

A 160

Rated insulation voltage U<sub>i</sub> IEC/EN

V 1000

Rated impulse withstand voltage U<sub>imp</sub>

kV 8

Operating current I<sub>e</sub>

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	55
690V	kW	45

Conditional short-circuit current (rms)

kA 50

Short-circuit protection with fuse

Class/A gG160

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	Ibin	3.75
max	Ibin	4.5

Conductor section

Cable min (IEC)	mm <sup>2</sup>	4
Cable max (IEC)	mm <sup>2</sup>	70
min (AWG/kcmil)		12
max (AWG/kcmil)		1

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

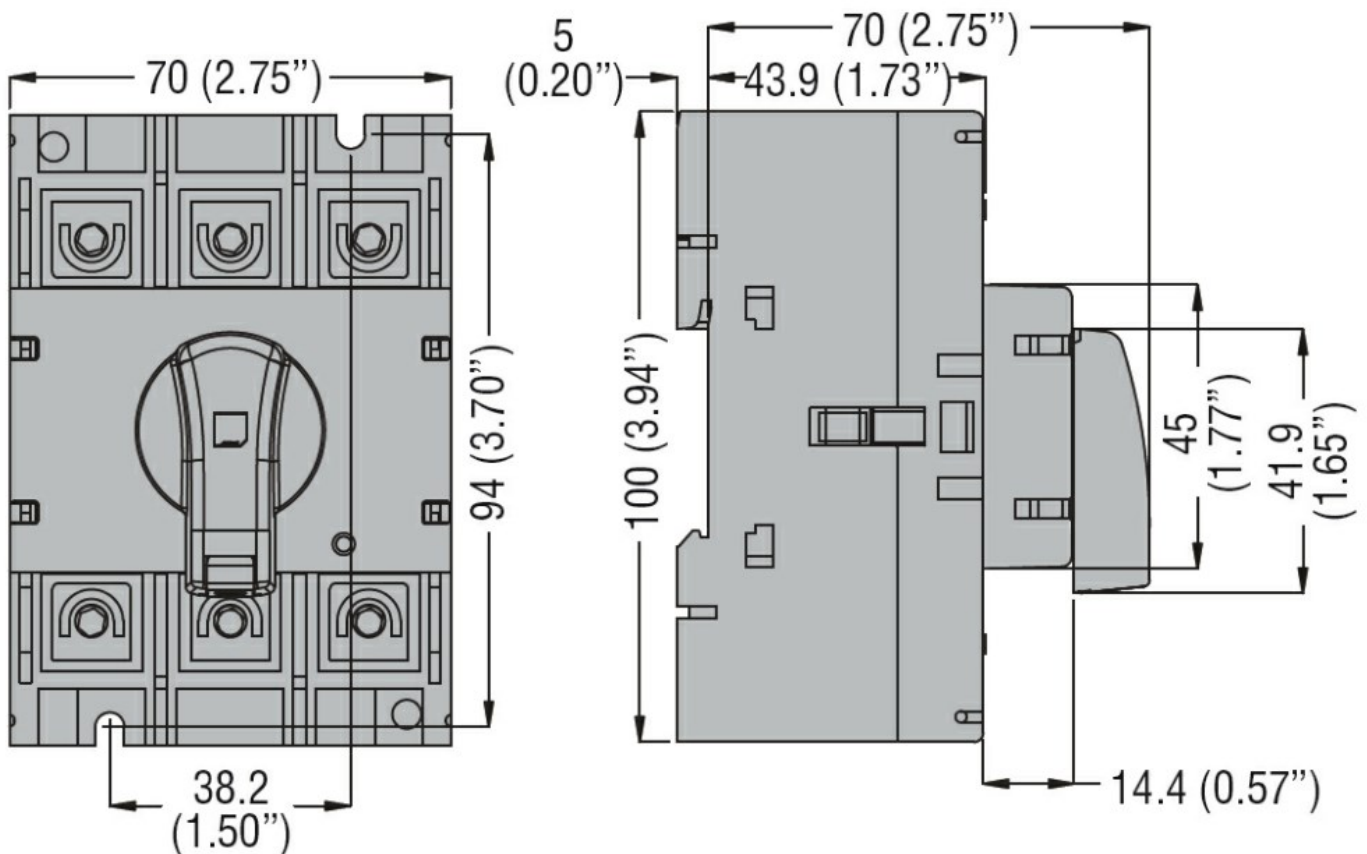
Frontal IP degree

IP20

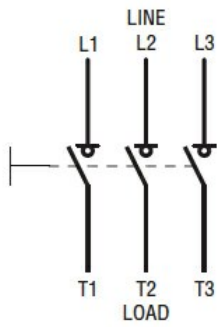
Pollution degree

3

Dimensions



Wiring diagrams



### Certifications and compliance

#### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

#### Certifications

CCC

EAC

### ETIM 6 classification

EC000066 - Power contactor, AC switching