



Product designation

Product type designation

Number of poles

Operating voltage type

Switch  
disconnecter  
GA  
Nr. 3  
AC

### Contact characteristics

IEC Conventional free air thermal current I <sub>th</sub>	A	125
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	125
500V	A	125
690V	A	125

AC22A

400V	A	125
500V	A	125
690V	A	125

AC23A

400V	A	125
500V	A	100
690V	A	47

Power dissipation per pole max	W	6.3
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Rated operational power AC23A

400V	kW	55
690V	kW	45

Rated short time current (1s) I <sub>cs</sub> (rms)	kA	2.5
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Conditional short-circuit current (rms)	kA	50
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Short-circuit protection with fuse	Class/A	gG125
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Making capacity AC23A 400V	A	1250
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Breaking capacity AC23A 400V	A	1000
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Mechanical life	cycles	30000
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Electrical life AC21A	cycles	30000
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### Mechanical features

Operating position

normal  
allowable  
Vertical plan  
Any

Fixing	By screw on the door
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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 <sup>2</sup>	4
IEC max	mm <sup>2</sup>	70
AWG/kcmil min		12
AWG/kcmil max		1

**UL technical data**

UL Standard			UL98
General purpose current rating	A		IEC/EN UL98 CSA C22.2 n°4
Operating voltage max	V		IEC/EN UL98 CSA C22.2 n°4
Horsepower/FLA current three phase motor			
	240V	HP	IEC/EN UL98 CSA C22.2 n°4
	480V	HP	IEC/EN UL98 CSA C22.2 n°4
	600V	HP	IEC/EN UL98 CSA C22.2 n°4
Short circuit rating	kA rms		50 (600V) / 100 (480V)
Short circuit rating with fuse	Class/A		J/100A / CC-J-T/max. 200A
Minimum enclosure dimensions at rated current	mm in	mm in	150x140x110 5.9 x 5.5 x 4.3

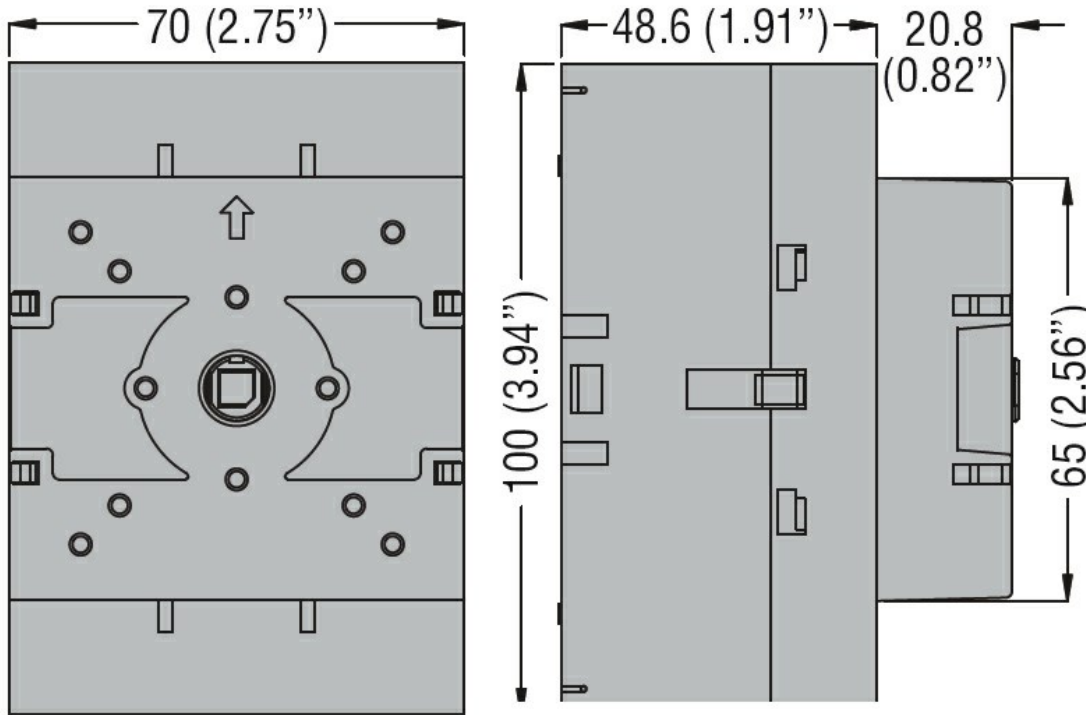
**Ambient conditions**

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

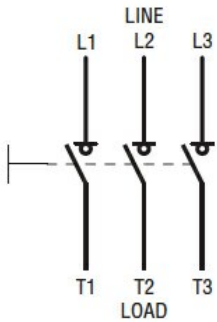
**Resistance & Protection**

Frontal IP degree		IP20
Pollution degree		3

**Dimensions**



#### Wiring diagrams



#### Certifications and compliance

##### Compliance

CSA C22.2 n°4

IEC/EN 60947-1

IEC/EN 60947-3

UL98

##### Certifications

CCC

CSA C22.2 n°4

cULus according to UL98

EAC

#### ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter