



Product designation

Product type designation

Number of poles

Operating voltage type

Switch  
disconnecter  
GA  
nr. 3  
AC

### Electrical features

Conventional free air thermal current I <sub>th</sub>	A	100
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Rated insulation voltage U <sub>i</sub>	V	1000
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Rated impulse withstand voltage U <sub>imp</sub>	kV	8
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Operating current			
	AC21A 400V	A	100
	AC21A 500V	A	100
	AC21A 690V	A	100
	AC22A 400V	A	100
	AC22A 500V	A	100
	AC22A 690V	A	100
	AC23A 400V	A	100
	AC23A 500V	A	80
	AC23A 690V	A	47

Power dissipation per pole max	W	4
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Rated operational power AC23A			
	400V	kW	55
	690V	kW	45

Rated short time current (1s) I <sub>cs</sub> (rms)	A	2500
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Conditional short-circuit current (rms)	kA	50
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Short circuit protection with fuse		gG100
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Making capacity AC23A 400V	A	1250
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Breaking capacity AC23A 400V	A	1000
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### Operations

Mechanical life	Cycles	30000
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Electrical life AC21A	Cycles	30000
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### 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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### Mechanical features

Operating position	normal allowable	Vertical plan Any
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Mounting		Screw / DIN rail 35mm
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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	lbft	3.75
max	lbft	4.5

**Conductor section**

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

Frontal IP degree IP20

Pollution degree 3

**UL technical data**

Compliance UL98 / CSA C22.2 n°4

General purpose current rating A 100

Operating voltage max V 600

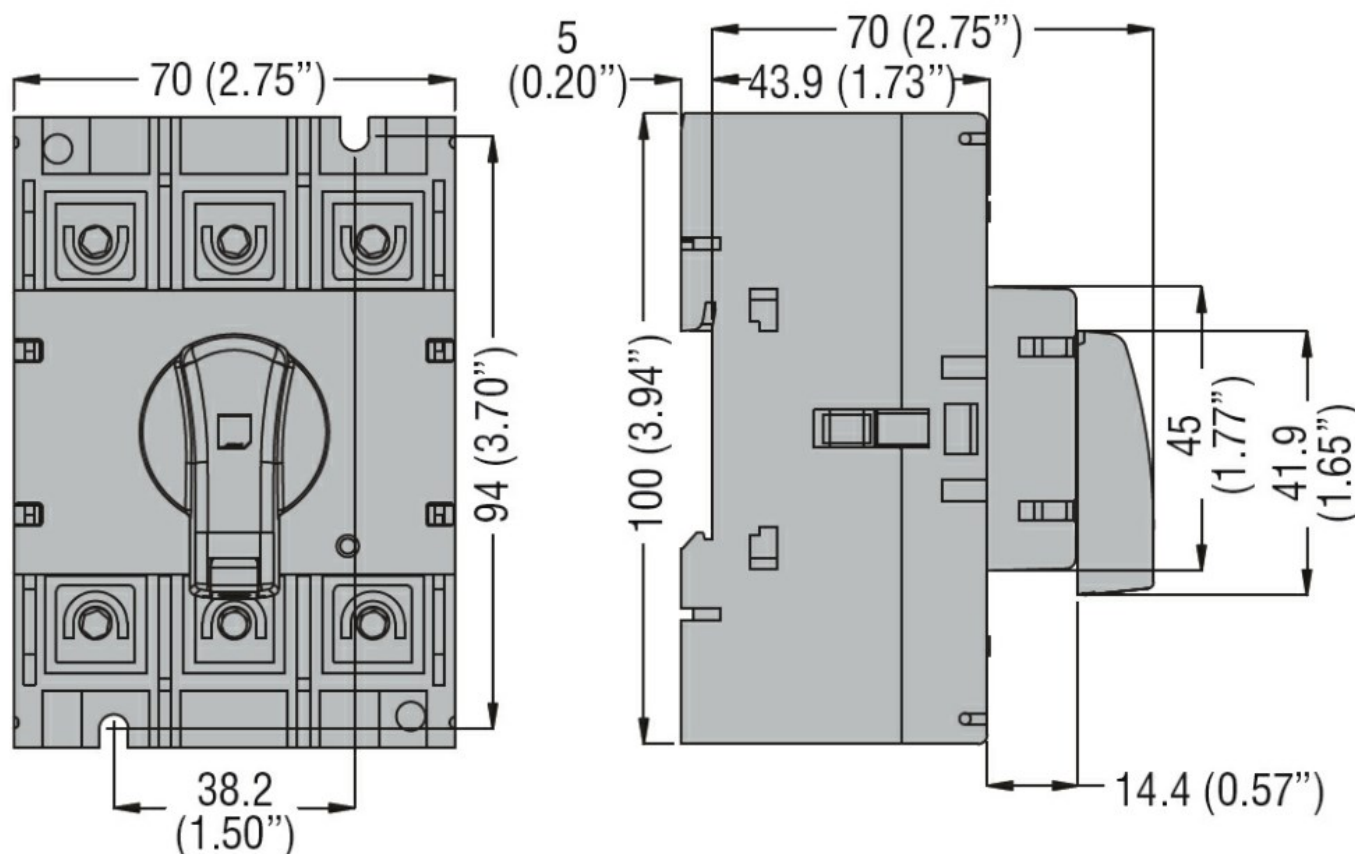
**Horsepower/FLA current three phase motor**

240V	30/80
480V	50/65
600V	50/52

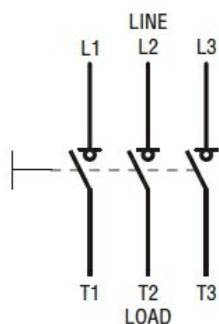
Short circuit rating kA 50

Short circuit rating with fuse J/100

**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 secondo UL98

EAC