



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 _{th}	A	100
Rated insulation voltage U _i IEC/EN	V	1000
Rated impulse withstand voltage U _{imp}	kV	8
Operating current I _e		

AC21A

400V	A	100
500V	A	100
690V	A	100

AC22A

400V	A	100
500V	A	100
690V	A	100

AC23A

400V	A	100
500V	A	80
690V	A	47

Power dissipation per pole max	W	4
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Rated operational power AC23A

400V	kW	55
690V	kW	45

Conditional short-circuit current (rms)	kA	50
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Short-circuit protection with fuse	Class/A	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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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	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	Ibin	3.75
max	Ibin	4.5

Conductor section

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

Ambient conditions

Operating temperature

min	°C	-25
max	°C	55

Storage temperature

min	°C	-40
max	°C	70

Max altitude

m 3000

Resistance & Protection

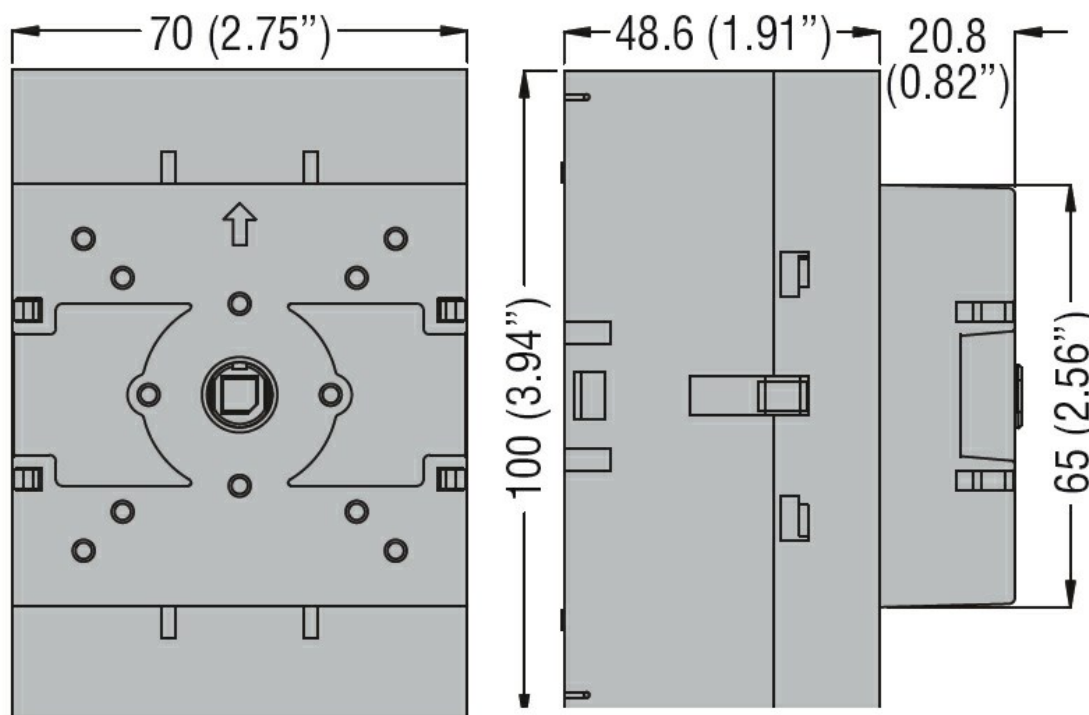
Frontal IP degree

IP20

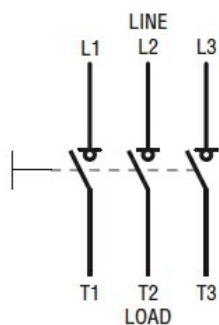
Pollution degree

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