



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	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

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

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	3.75
max	lbin	4.5

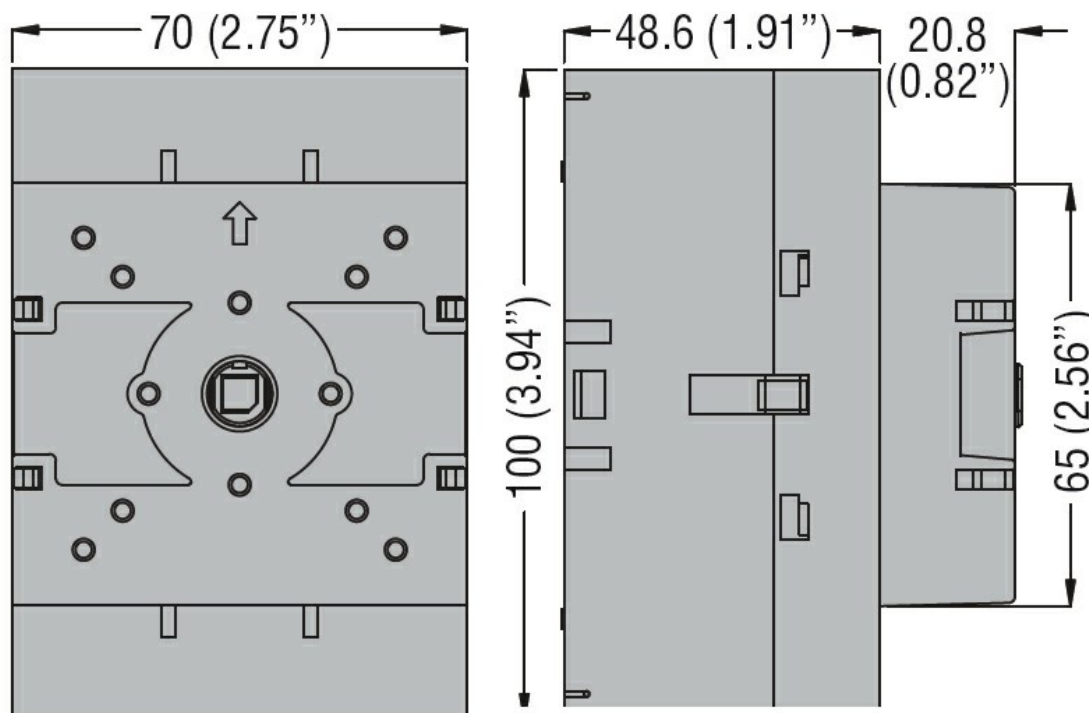
Conductor section

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

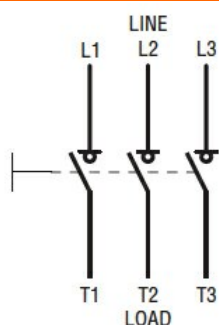
Ambient conditions

Operating temperature

	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Pollution degree			3
Dimensions			



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter