



Product designation

Product type designation

Number of poles

Operating voltage type

Enclosed switch  
disconnecter  
GAZ  
Nr. 3  
AC

**Contact characteristics**

IEC Conventional free air thermal current I <sub>th</sub>	A	16
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Rated insulation voltage U <sub>i</sub> IEC/EN	V	1000
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Rated impulse withstand voltage U <sub>imp</sub>	kV	8
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Operating current I<sub>e</sub>

AC21A

400V	A	16
500V	A	16
690V	A	16

AC22A

400V	A	16
500V	A	16
690V	A	16

AC23A

400V	A	16
500V	A	16
690V	A	16

Power dissipation per pole max	W	0.2
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Rated operational power AC23A

400V	kW	7.5
690V	kW	11

Conditional short-circuit current (rms)	kA	10
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Short-circuit protection with fuse	Class/A	gG16
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Making capacity AC23A 400V	A	160
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Breaking capacity AC23A 400V	A	128
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Mechanical life	cycles	100000
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Electrical life AC21A	cycles	100000
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**Mechanical features**

Operating position

normal allowable	Vertical plan Any
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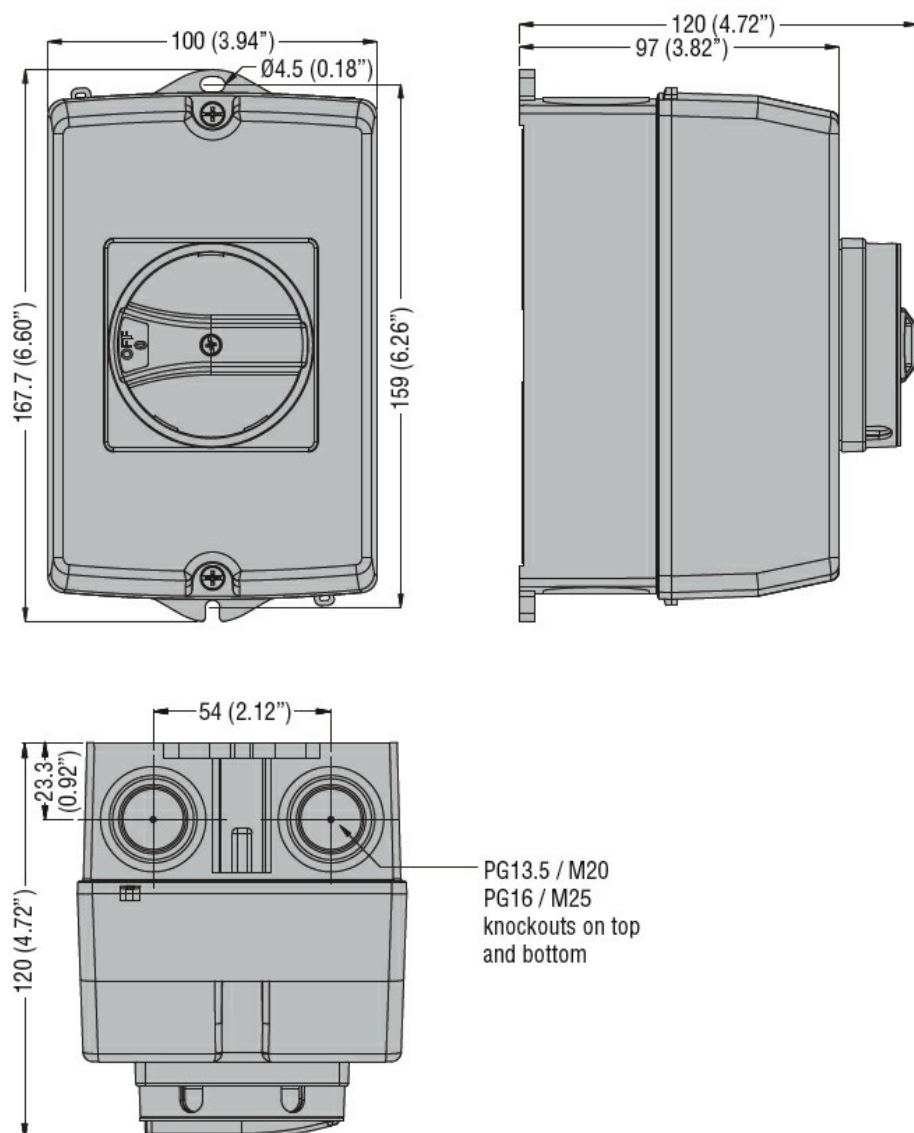
Terminals

type	Pillar
width	5.6
height	6.5
screw	M4
tool	Phillips 2

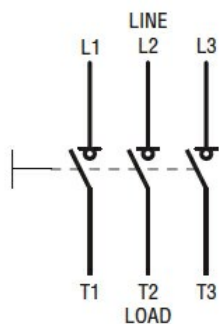
Tightening torque for terminals

min	Nm	1.8
max	Nm	2

	min	lbin	16
	max	lbin	18
Conductor section			
	IEC min	mm <sup>2</sup>	0.75
	IEC max	mm <sup>2</sup>	16
	AWG/kcmil min		18
	AWG/kcmil max		6
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			IP65
IP degree of protection			IP65
Pollution degree			3
Dimensions			



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

### Certifications

EAC

## ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter