



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 Ith	A	100
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Rated insulation voltage Ui IEC/EN	V	1000
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Rated impulse withstand voltage Uimp	kV	8
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Operating current Ie

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	1000
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Breaking capacity AC23A 400V	A	800
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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
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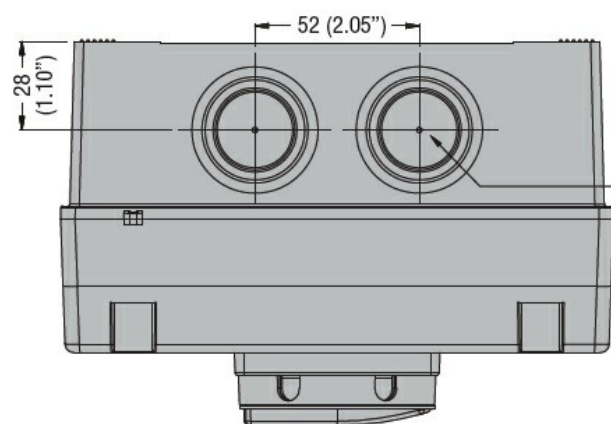
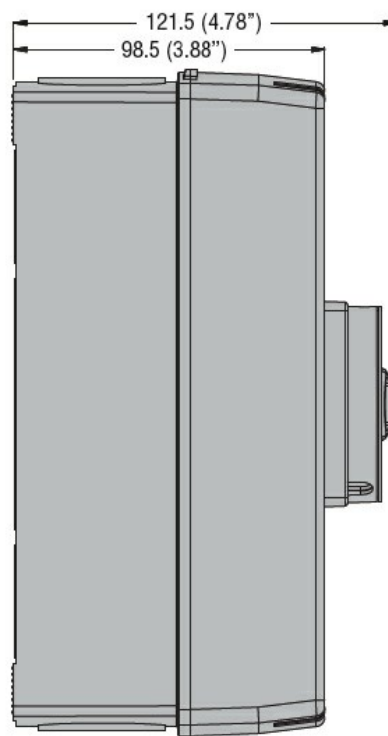
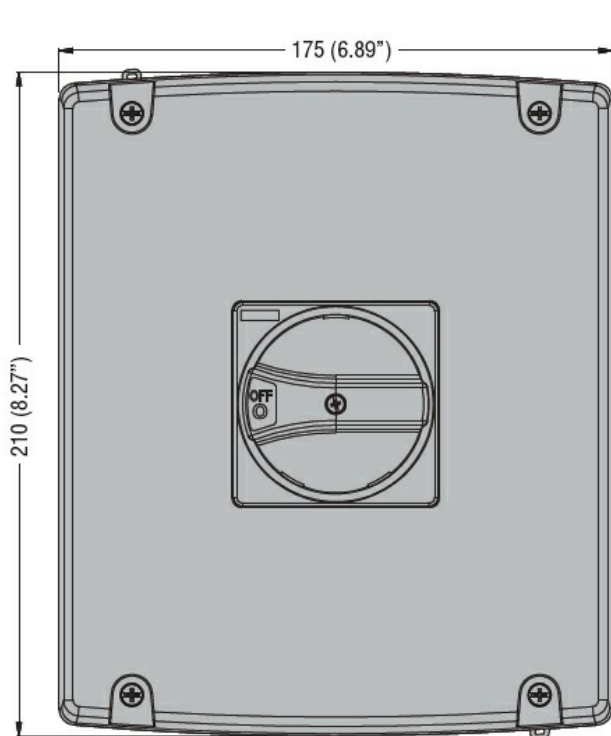
Terminals

type	Pillar
width	mm 12.4
height	mm 10.4
screw	M8
tool	Metric Allen key 4

Tightening torque for terminals

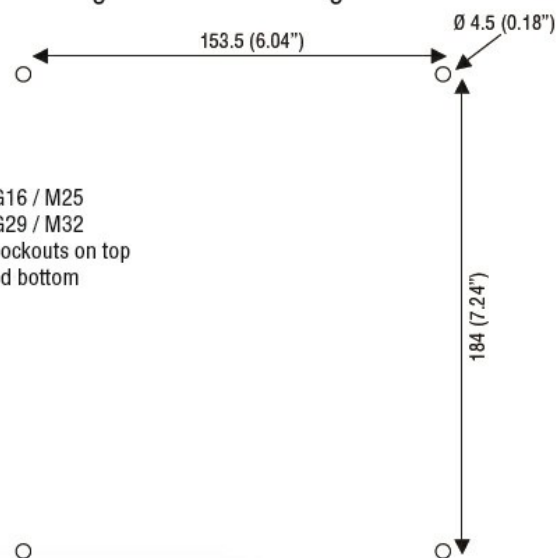
min	Nm	5
max	Nm	6

	min	I _{bin}	45
	max	I _{bin}	54
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			IP65
IP degree of protection			IP65
Pollution degree			3
Dimensions			

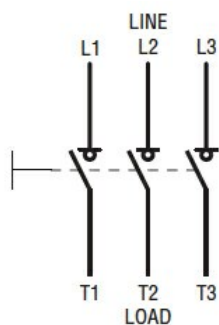


PG16 / M25
PG29 / M32
knockouts on top
and bottom

Drilling for surface fixing



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter