



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	100
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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	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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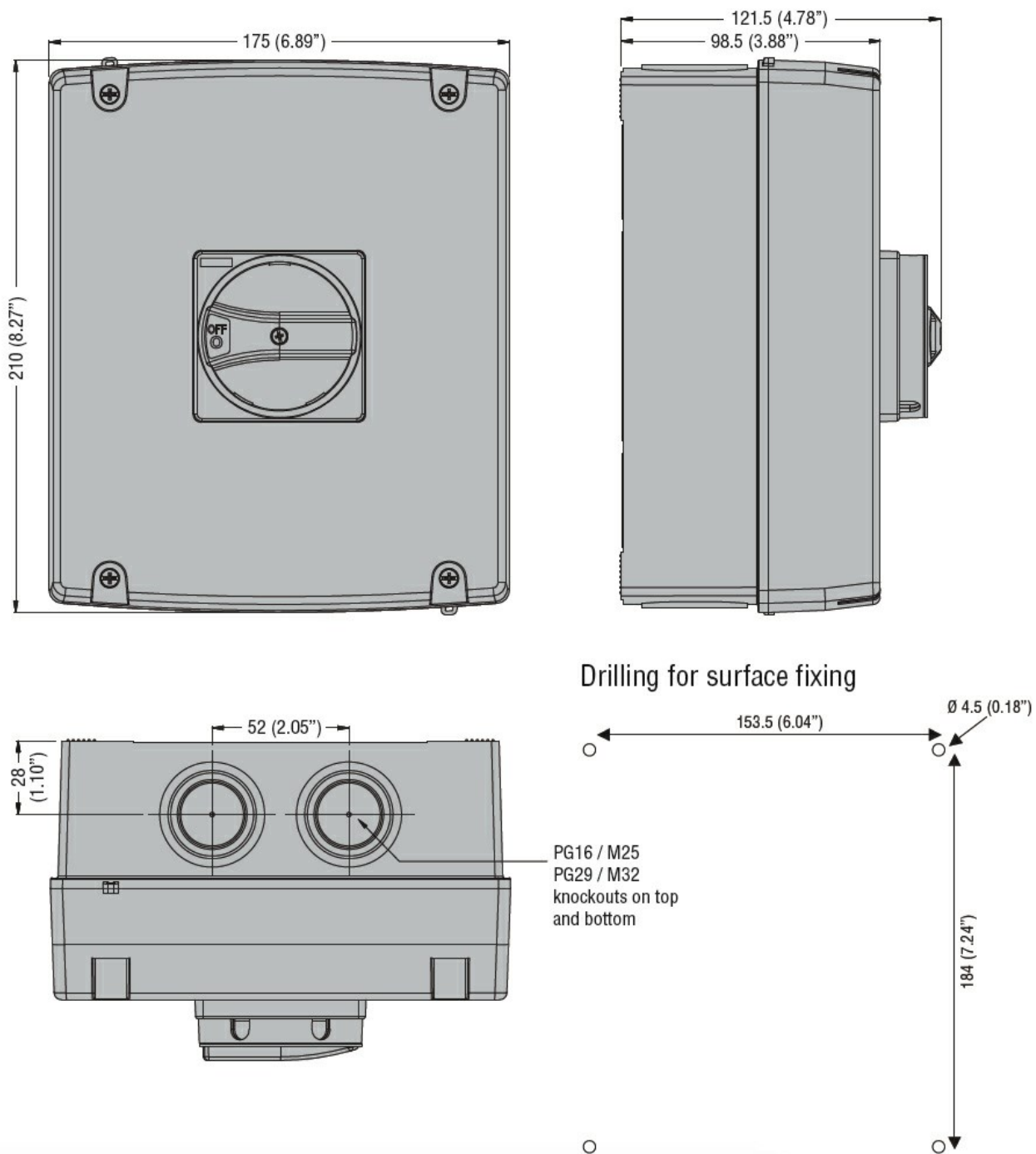
Terminals

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

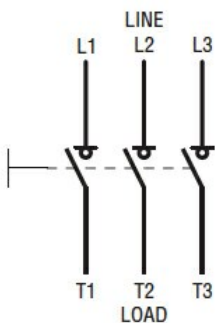
Tightening torque for terminals

min	Nm	5
max	Nm	6

	min	Ibin	45
	max	Ibin	54
Conductor section			
	IEC min	mm <sup>2</sup>	4
	IEC max	mm <sup>2</sup>	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			



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN TYPE IP65 NON-METALLIC ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE.  
WITH ROTATING RED/YELLOW HANDLE, 100A. ENCLOSURE DIMENSIONS:  
175X210X99MM/6.9X8.3X3.9"

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnector