



Product designation

Product type designation

Number of poles

Operating voltage type

Enclosed switch  
disconnecter  
GAZM  
Nr. 3  
AC

### Contact characteristics

IEC Conventional free air thermal current I <sub>th</sub>	A	125
Rated insulation voltage U <sub>i</sub> IEC/EN	V	1000
Rated impulse withstand voltage U <sub>imp</sub>	kV	8

Operating current I<sub>e</sub>

AC21A

400V	A	125
500V	A	125
690V	A	125

AC22A

400V	A	125
500V	A	125
690V	A	125

AC23A

400V	A	125
500V	A	100
690V	A	47

Power dissipation per pole max	W	6.3
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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	gG125
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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

Terminals

type  
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	45
	max	lbin	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
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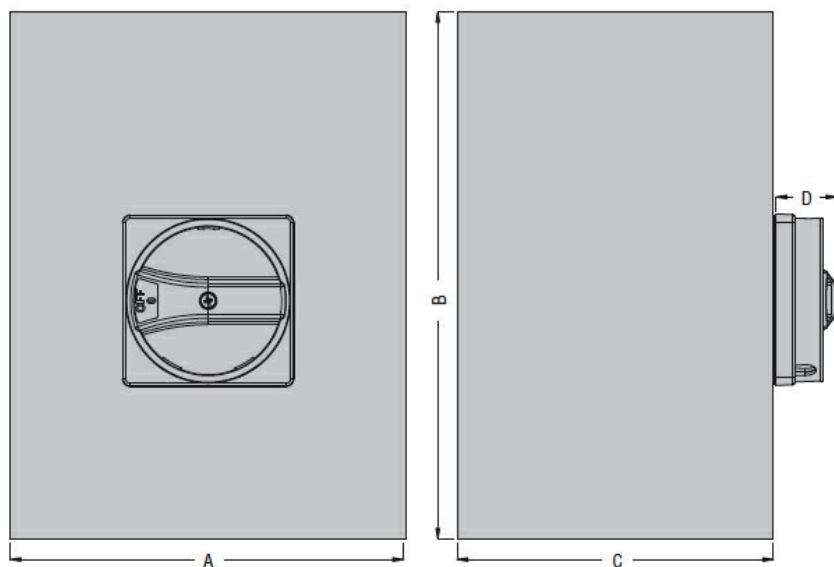
Resistance & Protection

Frontal IP degree	IP65
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IP degree of protection	IP65
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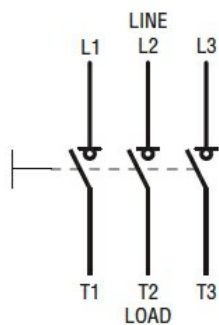
Pollution degree	3
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Dimensions



Type	A	B	C	D
GAZM125...GAZM160...	200 (7.87")	300 (11.81")	120 (4.72")	23 (0.90")

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN TYPE IP65 METAL ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE. WITH  
ROTATING RED/YELLOW HANDLE, 125A. ENCLOSURE DIMENSIONS:  
200X300X120MM/7.9X11.8X4.7"

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter