



Product designation

Product type designation

Number of poles

Operating voltage type

Enclosed switch
disconnecter
GAZM
Nr. 4
AC

Contact characteristics

IEC Conventional free air thermal current I _{th}	A	125
---	---	-----

Rated insulation voltage U _i IEC/EN	V	1000
--	---	------

Rated impulse withstand voltage U _{imp}	kV	8
--	----	---

Operating current I_e

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
--------------------------------	---	-----

Rated operational power AC23A

400V	kW	55
690V	kW	45

Conditional short-circuit current (rms)	kA	50
---	----	----

Short-circuit protection with fuse	Class/A	gG125
------------------------------------	---------	-------

Making capacity AC23A 400V	A	1250
----------------------------	---	------

Breaking capacity AC23A 400V	A	1000
------------------------------	---	------

Mechanical life	cycles	30000
-----------------	--------	-------

Electrical life AC21A	cycles	30000
-----------------------	--------	-------

Mechanical features

Operating position

normal allowable	Vertical plan Any
---------------------	----------------------

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 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

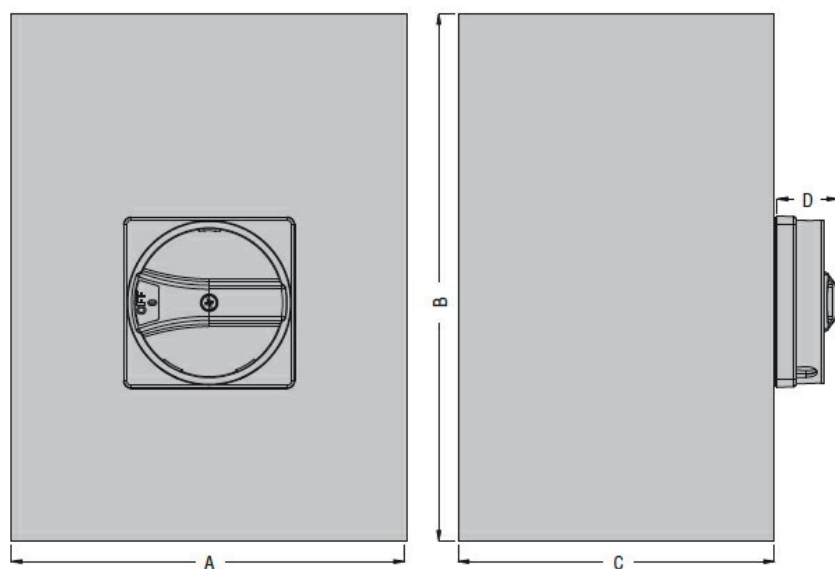
IP degree of protection

IP65

Pollution degree

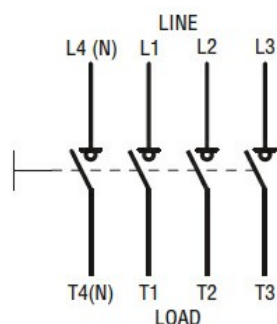
3

Dimensions



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 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnector