



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	63
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 63
	500V	A 63
	690V	A 63
AC22A		
	400V	A 63
	500V	A 45
	690V	A 45
AC23A		
	400V	A 45
	500V	A 25
	690V	A 25
Power dissipation per pole max	W	2.9
Rated operational power AC23A		
	400V	kW 22
	690V	kW 22
Reactive power for control of capacitors at		
Conditional short-circuit current (rms)	kA	10
Short-circuit protection with fuse	Class/A	gG63
Making capacity AC23A 400V	A	450
Breaking capacity AC23A 400V	A	360
Mechanical life	cycles	100000
Electrical life AC21A	cycles	15000

Mechanical features

Operating position	normal allowable	Vertical plan Any
Terminals	type width mm height mm screw tool	Pillar 5.6 6.5 M4 Phillips 2
Tightening torque for terminals	min Nm max Nm min lbin max lbin	1.8 2 16 18
Conductor section	IEC min mm ²	0.75

IEC max	mm ²	16
AWG/kcmil min		18
AWG/kcmil max	kcmil	6

Ambient conditions

Operating temperature	min	°C	-25
	max	°C	+55

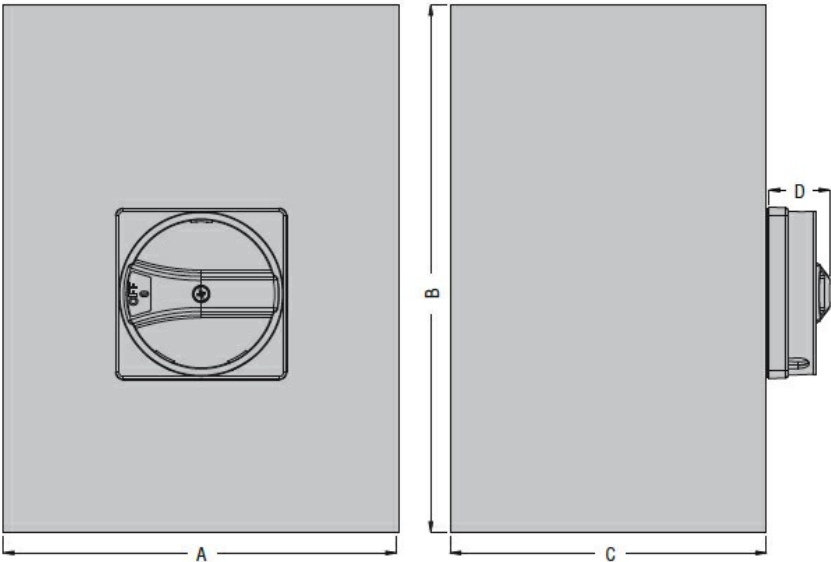
Storage temperature	min	°C	-40
	max	°C	+70

Max altitude	m	3000
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Resistance & Protection

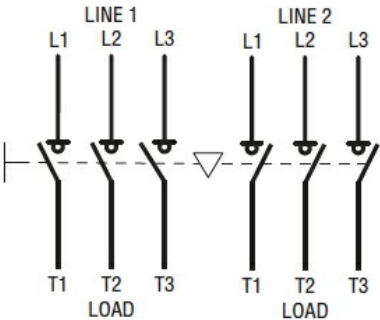
Frontal IP degree	IP65
IP degree of protection	IP65
Pollution degree	3

Dimensions



Type	A	B	C	D
GAZM016 E...GAZM063SA E...	150 (5.90")	200 (7.87")	120 (4.72")	35 (1.38")

Wiring diagrams



Certifications and compliance

Compliance	IEC/EN 60947-1
	IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter