



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 max min max	Nm Nm lbin 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
---	------

Resistance & Protection

Frontal IP degree

IP65

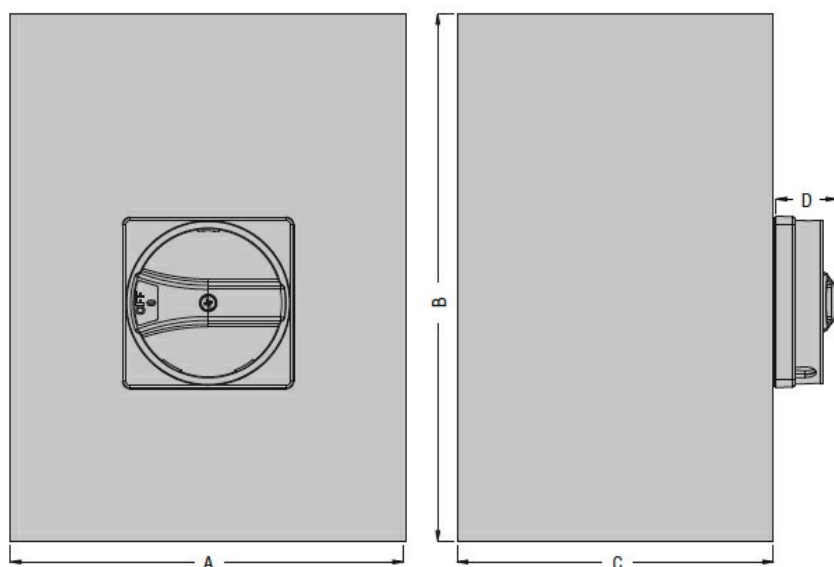
IP degree of protection

IP65

Pollution degree

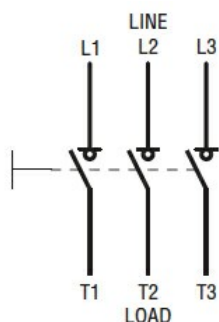
3

Dimensions



Type	A	B	C	D
GAZM016...GAZM100...	150 (5.90")	200 (7.87")	120 (4.72")	23 (0.90")

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

IEC/EN TYPE IP65 METAL ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE. WITH
ROTATING RED/YELLOW HANDLE, 63A. ENCLOSURE DIMENSIONS:
150X200X120MM/5.9X7.9X4.7"

ETIM 8.0

EC000216 -
Switch
disconnecter