



Product designation				Enclosed changeover switch
Product type designation				GAZM
Number of poles		Nr.	4	
Operating voltage type				AC
Contact characteristics				
IEC Conventional free air thermal current I _{th}		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	
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			Pillar
	width	mm	5.6	
	height	mm	6.5	
	screw		M4	
	tool		Phillips 2	
Tightening torque for terminals				
	min	Nm	1.8	

max	Nm	2
min	Ibin	16
max	Ibin	18

Conductor section

IEC min	mm ²	0.75
IEC max	mm ²	16
AWG/kcmil min		18
AWG/kcmil max		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

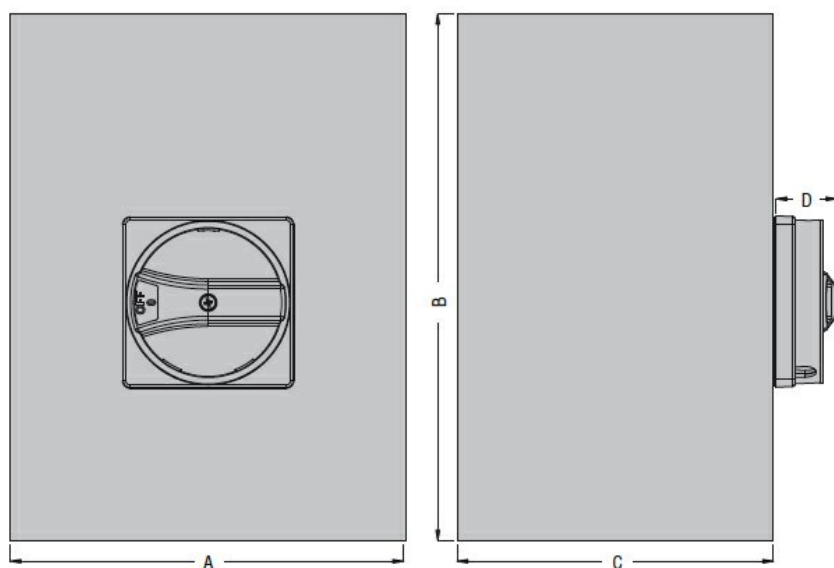
IP degree of protection

IP65

Pollution degree

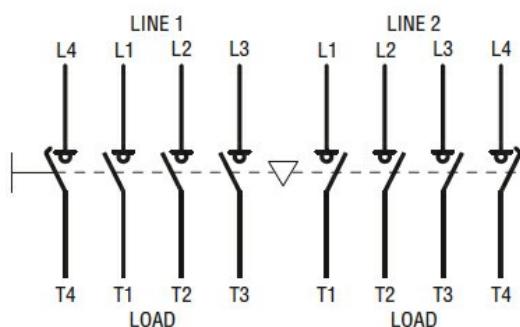
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Dimensions



Type	A	B	C	D
GAZM063 ET8...GAZM160 ET8...	300 (11.81")	400 (15.75")	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
disconnector