![Lovato electric - ENERGY AND AUTOMATION]

Product designation			Enclosed switch disconnector
Product type designation			GAZM
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		A	63
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current Ie			
AC21A			
	400V	A	63
	500V	A	63
	690V	A	63
AC22A			
	400V	A	63
	500V	A	63
	690V	A	63
AC23A			
	400V	A	63
	500V	A	63
	690V	A	47
Power dissipation per pole max		W	1.6
Rated operational power AC23A			
	400V	kW	30
	690V	kW	45
Conditional short-circuit current (rms)		kA	50
Short-circuit protection with fuse		Class/A	gG63
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		Vertical plan
	allowable		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	mm²	4	
IEC max	mm²	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

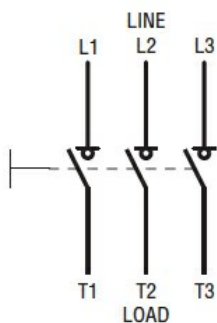## Dimensions
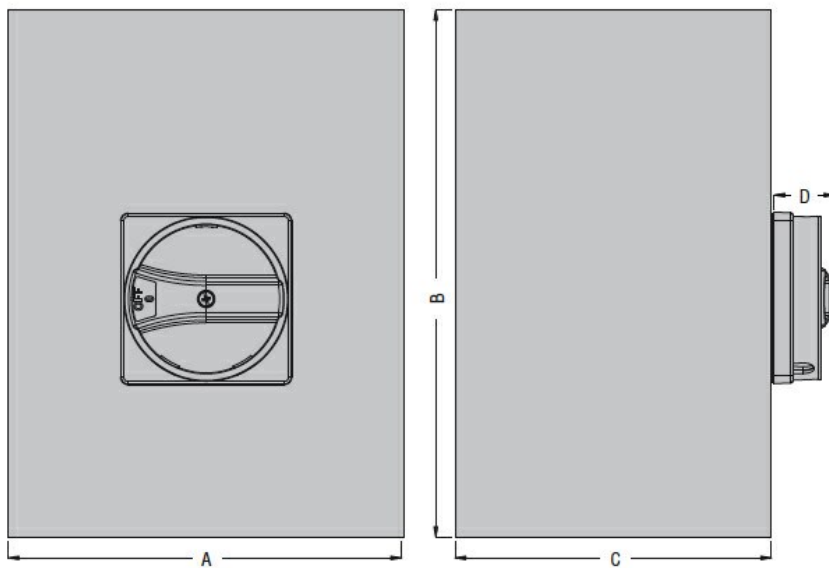
Type	A	B	C	D
GAZM016...GAZM100...	150 (5.90")	200 (7.87")	120 (4.72")	23 (0.90")

Wiring diagrams

Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 - Switch disconnector

GAZM063

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

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