GAZM025B

IEC/EN TYPE IP65 METAL ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE. WITH ROTATING BLACK HANDLE, 25A

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	25
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current Ie			
AC21A			
	400V	A	25
	500V	A	25
	690V	A	25
AC22A			
	400V	A	25
	500V	A	25
	690V	A	25
AC23A			
	400V	A	25
	500V	A	25
	690V	A	25
Power dissipation per pole max		W	0.4
Rated operational power AC23A			
	400V	kW	11
	690V	kW	22
Conditional short-circuit current (rms)		kA	10
Short-circuit protection with fuse		Class/A	gG25
Making capacity AC23A 400V		A	400
Breaking capacity AC23A 400V		A	320
Mechanical life		cycles	100000
Electrical life AC21A		cycles	100000
Mechanical features			
Operating position			
	normal		Vertical plan
	allowable		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	mm²		0.75
IEC max	mm²		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

Resistance & Protection

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

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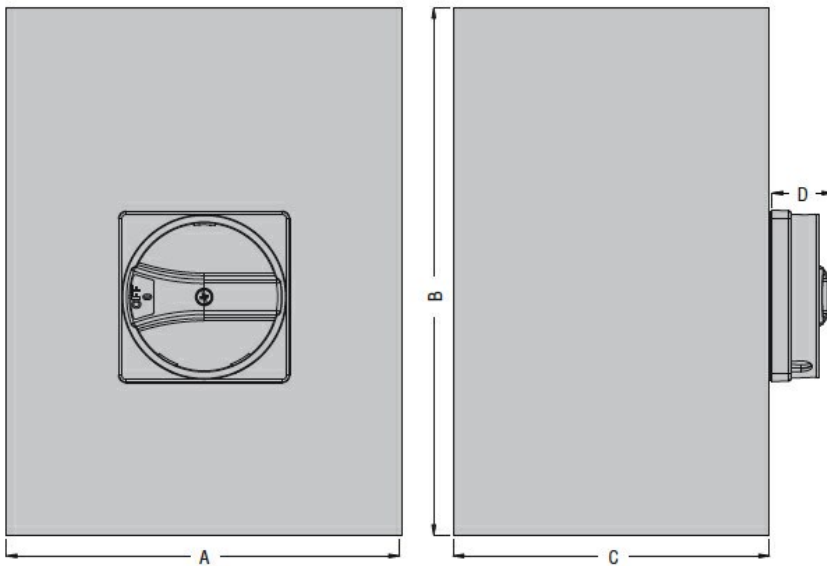
Type	A	B	C	D
GAZM016...GAZM100...	150 (5.90")	200 (7.87")	120 (4.72")	23 (0.90")

Wiring diagrams
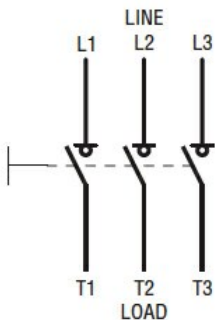
Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

ETIM classification

ETIM 8.0

EC000216 - Switch disconnector