GAZ100C

IEC/EN type IP65 non-metallic enclosure switch disconnector, three-pole. With rotating red/yellow handle, 100A



Product designation			Enclosed switch disconnector
Product type designation			GAZ
Number of poles		Nr.	3
Operating voltage type			AC
Contact characteristics			
IEC Conventional free air thermal current Ith		A	100
Rated insulation voltage Ui IEC/EN		V	1000
Rated impulse withstand voltage Uimp		kV	8
Operating current Ie			
AC21A			
	400V	A	100
	500V	A	100
	690V	A	100
AC22A			
	400V	A	100
	500V	A	100
	690V	A	100
AC23A			
	400V	A	100
	500V	A	80
	690V	A	47
Power dissipation per pole max		W	4
Rated operational power AC23A			
	400V	kW	55
	690V	kW	45
Conditional short-circuit current (rms)		kA	50
Short-circuit protection with fuse		Class/A	gG100
Making capacity AC23A 400V		A	1000
Breaking capacity AC23A 400V		A	800
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

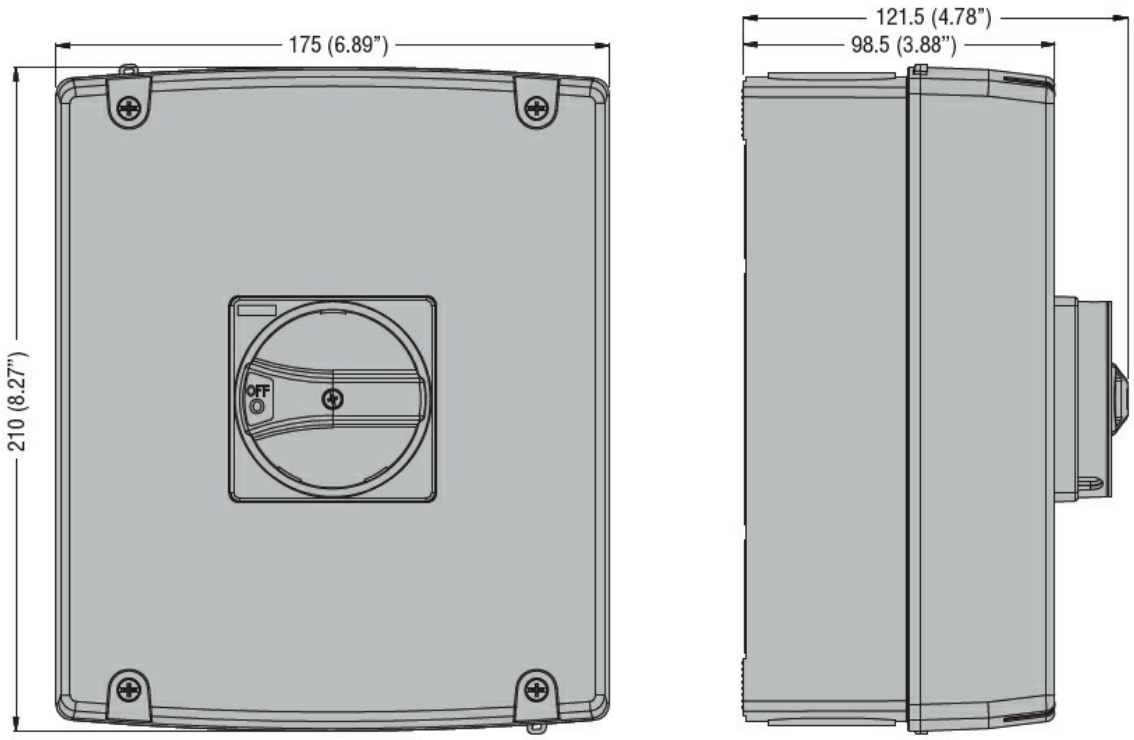
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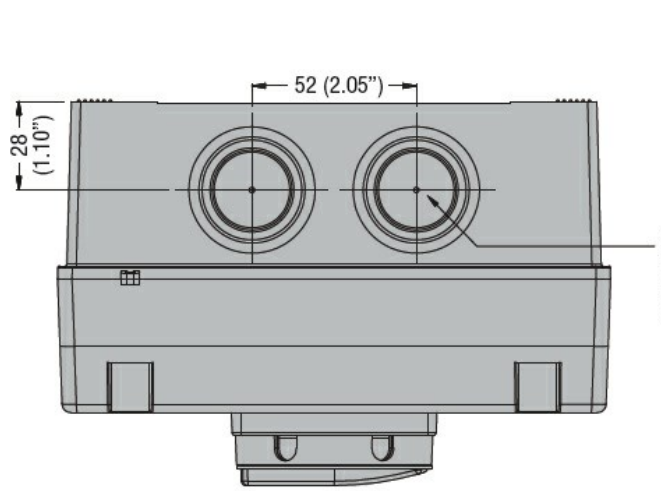
	min	Ibin	45
	max	Ibin	54
Conductor section			
	IEC min	mm²	4
	IEC max	mm²	70
	AWG/kcmil min		12
	AWG/kcmil max		1
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude		m	3000
Resistance & Protection			
Frontal IP degree			IP65
IP degree of protection			IP65
Pollution degree			3
Dimensions			

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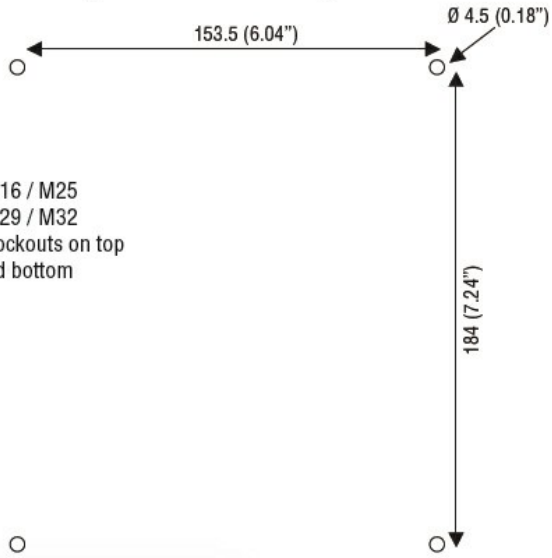
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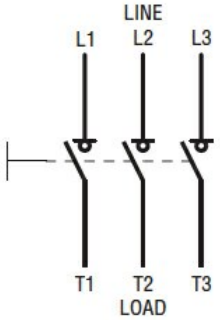




Drilling for surface fixing



Wiring diagrams



Certifications and compliance

Compliance

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	IEC/EN 60947-1
	IEC/EN 60947-3
Certifications	
	EAC

ETIM classification

ETIM 8.0	EC000216 - Switch disconnector

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