



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	100
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
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
Reactive power for control of capacitors at		
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 allowable	Vertical plan 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	lbin 45
	max	lbin 54
Conductor section	IEC min	mm ² 4

IEC/EN TYPE IP65 NON-METALLIC ENCLOSURE SWITCH DISCONNECTOR, THREE-POLE.
WITH ROTATING BLACK HANDLE, 100A. ENCLOSURE DIMENSIONS:
175X210X99MM/6.9X8.3X3.9"

IEC max	mm ²	70
AWG/kcmil min		12
AWG/kcmil max	kcmil	1

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

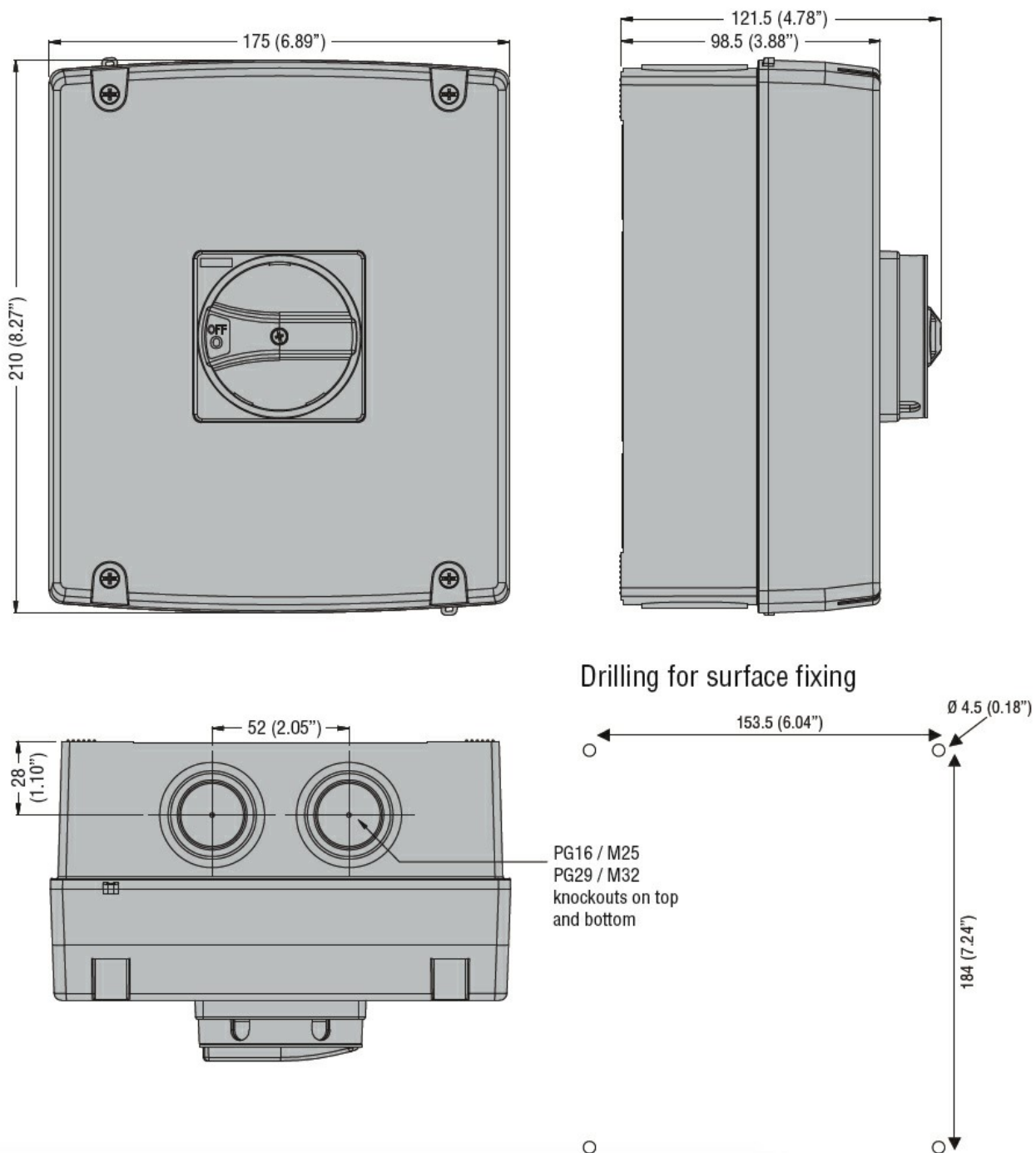
IP degree of protection

IP65

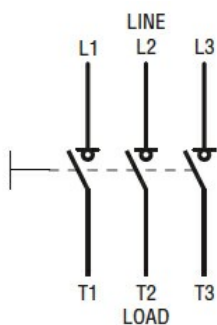
Pollution degree

3

Dimensions



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