



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	80
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 80
	500V	A 80
	690V	A 80
AC22A		
	400V	A 80
	500V	A 80
	690V	A 80
AC23A		
	400V	A 80
	500V	A 63
	690V	A 47
Power dissipation per pole max	W	2.6
Rated operational power AC23A		
	400V	kW 45
	690V	kW 45
Reactive power for control of capacitors at		
Conditional short-circuit current (rms)	kA	50
Short-circuit protection with fuse	Class/A	gG80
Making capacity AC23A 400V	A	800
Breaking capacity AC23A 400V	A	640
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, 80A. 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

Resistance & Protection

Frontal IP degree

IP65

IP degree of protection

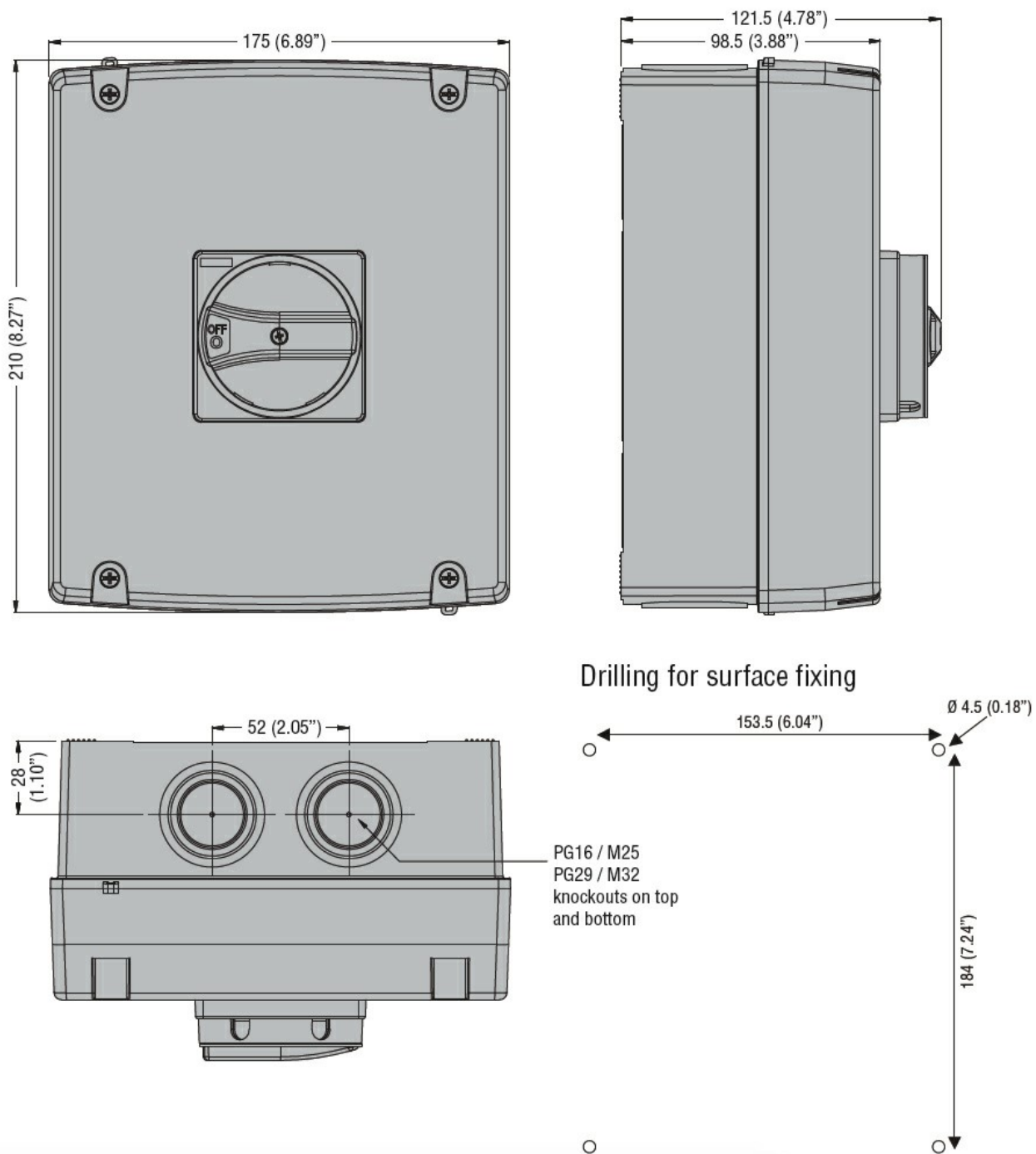
IP65

Pollution degree

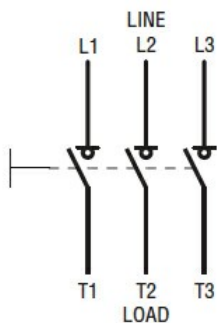
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Dimensions

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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