



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^{\circ}\text{C}$	A	40
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	8
Operating current I_e		
AC21A		
	400V	A 40
	500V	A 40
	690V	A 40
AC22A		
	400V	A 40
	500V	A 40
	690V	A 40
AC23A		
	400V	A 40
	500V	A 25
	690V	A 25
Power dissipation per pole max	W	1
Rated operational power AC23A		
	400V	kW 18.5
	690V	kW 22
Reactive power for control of capacitors at		
Conditional short-circuit current (rms)	kA	10
Short-circuit protection with fuse	Class/A	gG40
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 allowable	Vertical plan Any
Terminals	type width mm height mm screw tool	Pillar 5.6 6.5 M4 Phillips 2
Tightening torque for terminals	min max min max	Nm Nm lbin lbin 1.8 2 16 18
Conductor section	IEC min	mm ² 0.75

IEC max	mm ²	16
AWG/kcmil min		18
AWG/kcmil max	kcmil	6

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

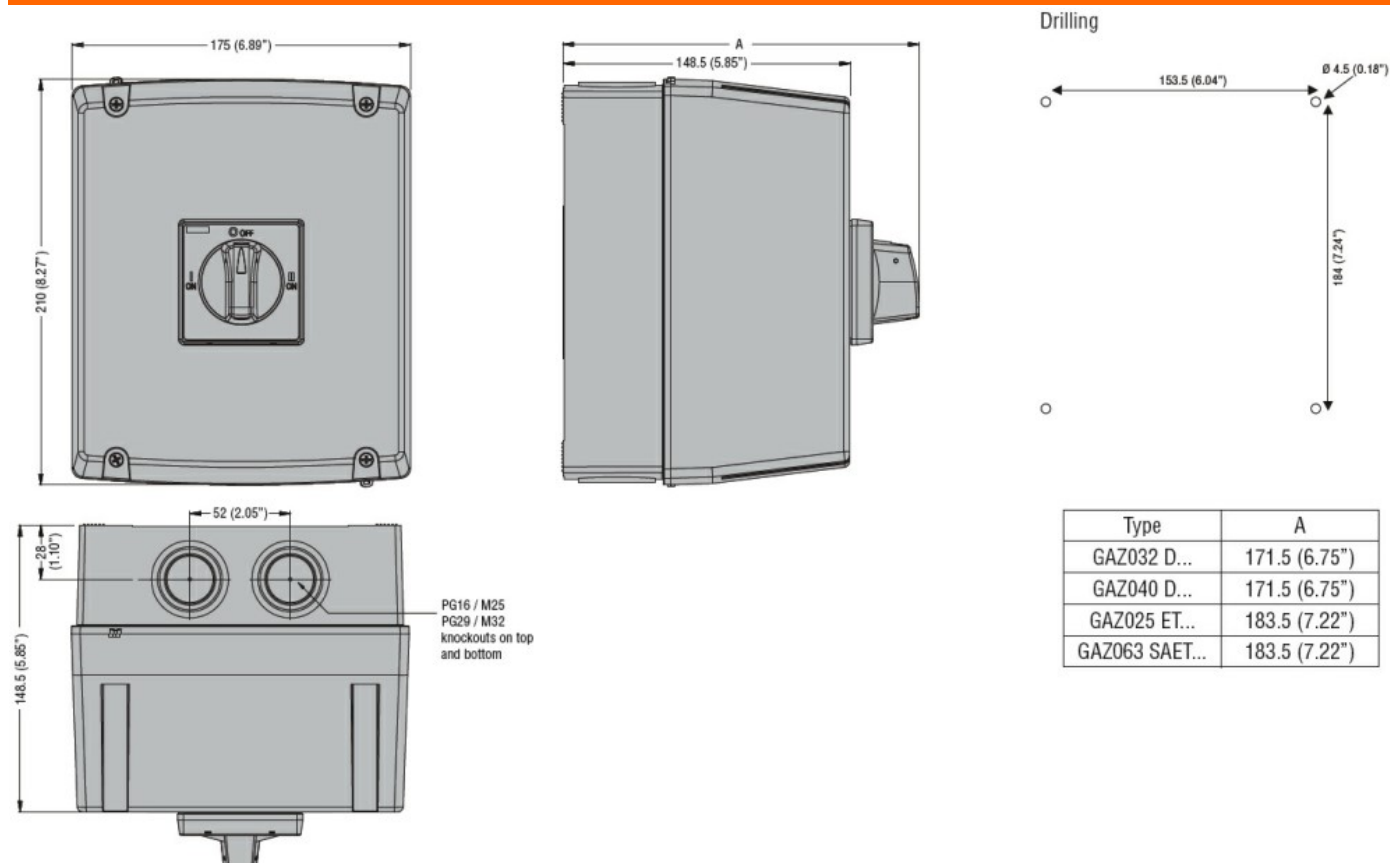
IP degree of protection

IP65

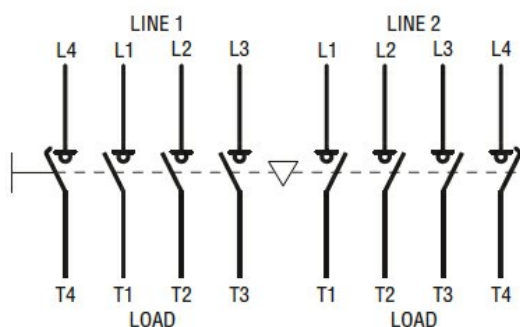
Pollution degree

3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1
IEC/EN 60947-3
UL 508 e CSA C22.2 n°14

Certifications

CSA C22.2 No. 14-13
cULus according to UL508
EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter