



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A	1600
Rated insulation voltage U_i IEC/EN	V	1000
Rated impulse withstand voltage U_{imp}	kV	12
Operating current I_e		
AC21A	400V	A 1600
	500V	A 1600
	690V	A 1600
AC22A	400V	A 1600
	500V	A 1250
	690V	A 1000
AC23A	400V	A 1000
	500V	A 900
	690V	A 630
Power dissipation per pole max	W	128
Rated operational power AC23A	400V	kW 554
	690V	kW 600
Reactive power for control of capacitors at		
Rated short time current (1s) I_{cw} (rms)	kA	50
Conditional short-circuit current (rms)	kA	72
Short-circuit protection with fuse	Class/A	2x gG800
Making capacity AC23A 400V	A	10000
Breaking capacity AC23A 400V	A	8000
Mechanical life	cycles	10000
Electrical life AC21A	cycles	500 (AC23A 400V)

Mechanical features

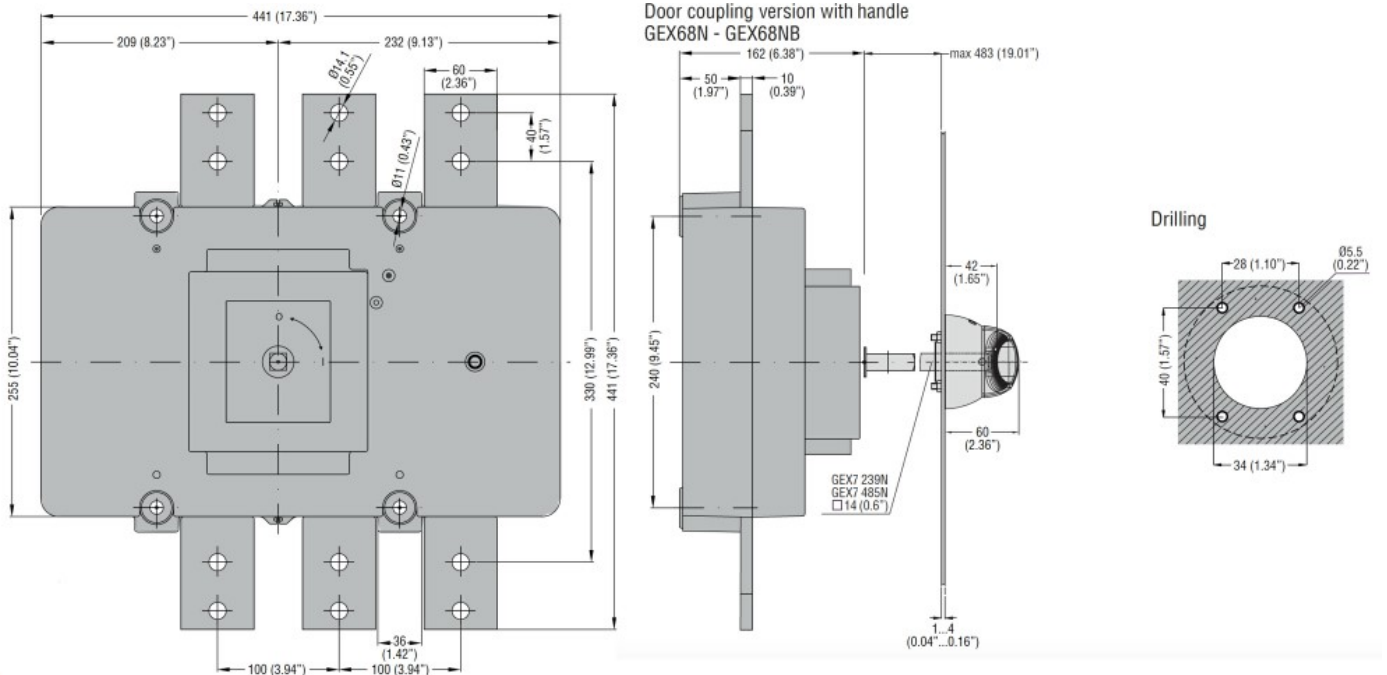
Operating position	normal allowable	Vertical plan Any
Fixing		Screw
Terminals	type screw	Bar M14
Tightening torque for terminals	max	Nm 55
	max	lbin 10
Conductor section		
Bar dimensions max		60x10

Ambient conditions

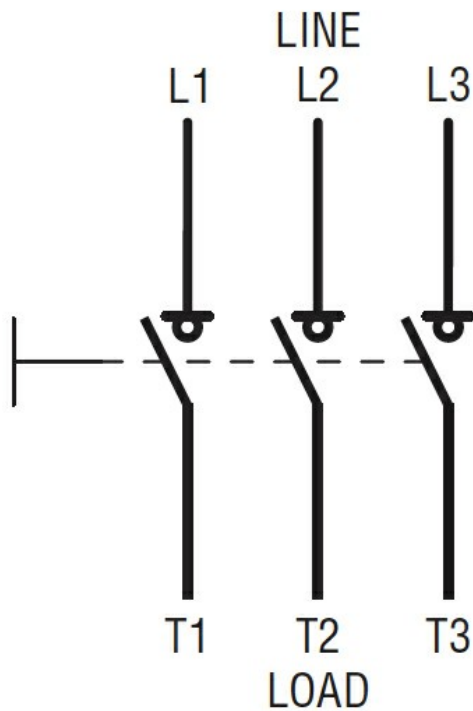
Operating temperature

	min	°C	-25
	max	°C	55
Storage temperature			
	min	°C	-40
	max	°C	70
Max altitude		m	3000
Resistance & Protection			
Frontal IP degree			IP20
Pollution degree			3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnector