



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
Power dissipation per pole max	W	128
Rated operational power AC23A		
	400V	kW 550
	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	75
Short-circuit protection with fuse	Class/A	2x gG800
Making capacity AC23A 400V	A	10000
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 40
Conductor section		
Bar dimensions max		60x10
Ambient conditions		
Operating temperature	min	$^\circ\text{C}$ -25
	max	$^\circ\text{C}$ 55

Storage temperature

min	°C	-40
max	°C	70
		m
		3000

Max altitude

Resistance & Protection

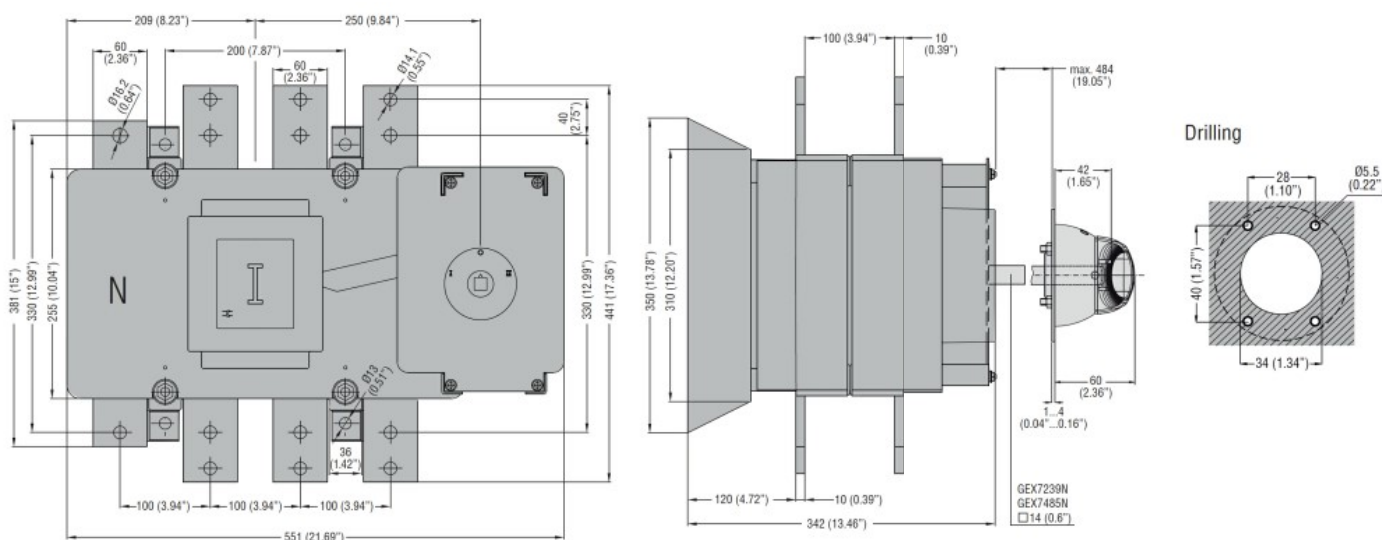
Frontal IP degree

IP20

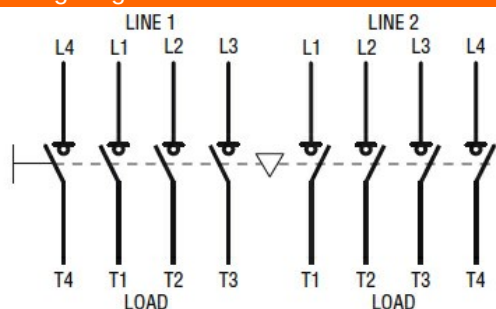
Pollution degree

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