



Product designation

Product type designation

Number of poles

Operating voltage type

Switch
disconnecter
GE
Nr. 3
AC

Contact characteristics

IEC Conventional free air thermal current I _{th}	A	160
Rated insulation voltage U _i IEC/EN	V	1000
Rated impulse withstand voltage U _{imp}	kV	8
Operating current I _e		

AC21A

400V	A	160
500V	A	160
690V	A	160

AC22A

400V	A	160
500V	A	160
690V	A	125

AC23A

400V	A	160
500V	A	125
690V	A	80

Power dissipation per pole max	W	4
--------------------------------	---	---

Rated operational power AC23A

400V	kW	90
690V	kW	75

Rated short time current (1s) I _{cw} (rms)	kA	7
---	----	---

Conditional short-circuit current (rms)	kA	100
---	----	-----

Short-circuit protection with fuse	Class/A	gG160
------------------------------------	---------	-------

Making capacity AC23A 400V	A	1600
----------------------------	---	------

Breaking capacity AC23A 400V	A	1280
------------------------------	---	------

Mechanical life	cycles	30000
-----------------	--------	-------

Electrical life AC21A	cycles	1000 (AC23A 400V)
-----------------------	--------	-------------------

Mechanical features

Operating position

normal
allowable
Vertical plan
Any

Fixing		Screw
--------	--	-------

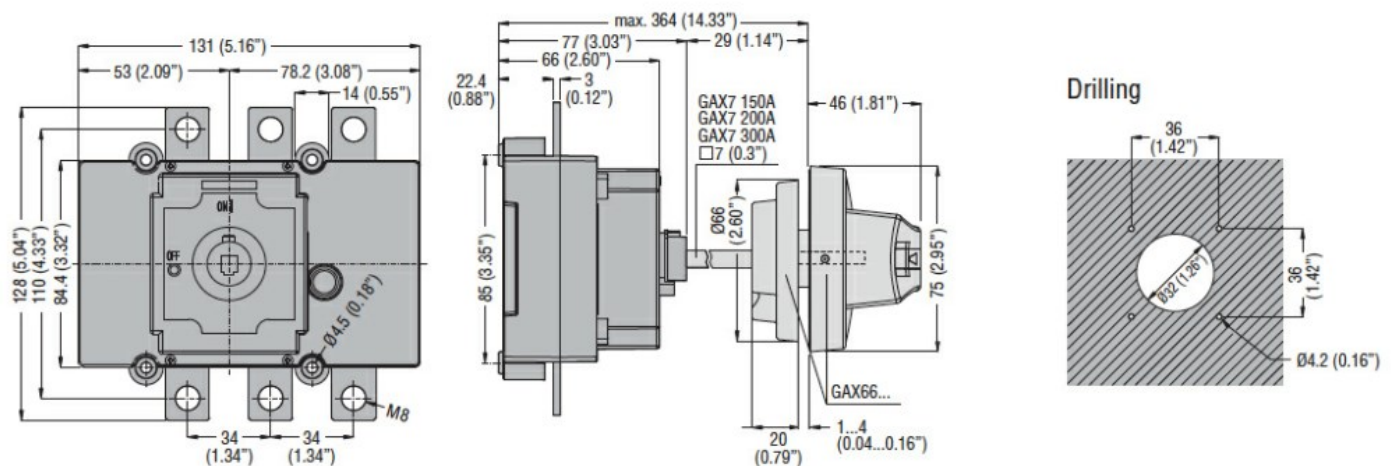
Terminals		
-----------	--	--

type
screw
Bar
M8

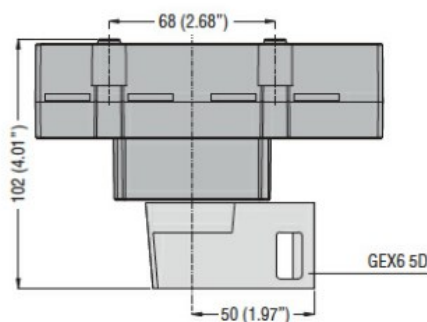
Tightening torque for terminals

max	Nm	13
max	lbin	10

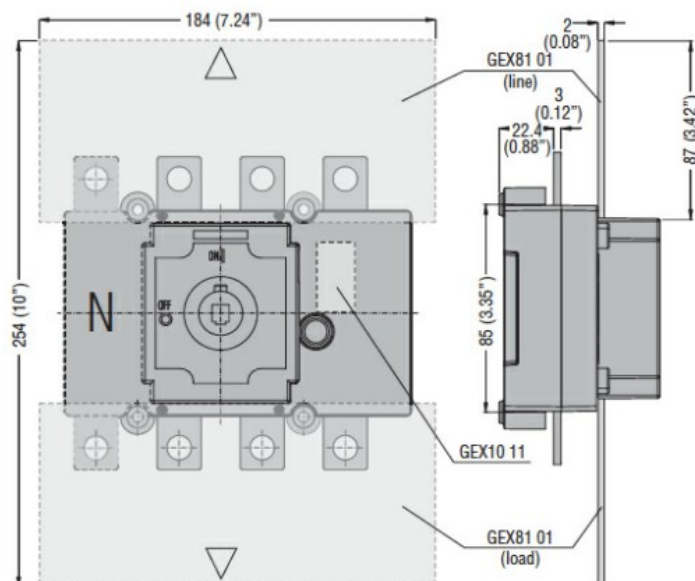
Bar dimensions max	18x3		
Ambient conditions			
Operating temperature	min	°C	-25
	max	°C	55
Storage temperature	min	°C	-40
	max	°C	70
Max altitude	m		3000
Resistance & Protection			
Frontal IP degree	IP20		
Pollution degree	3		
Dimensions			



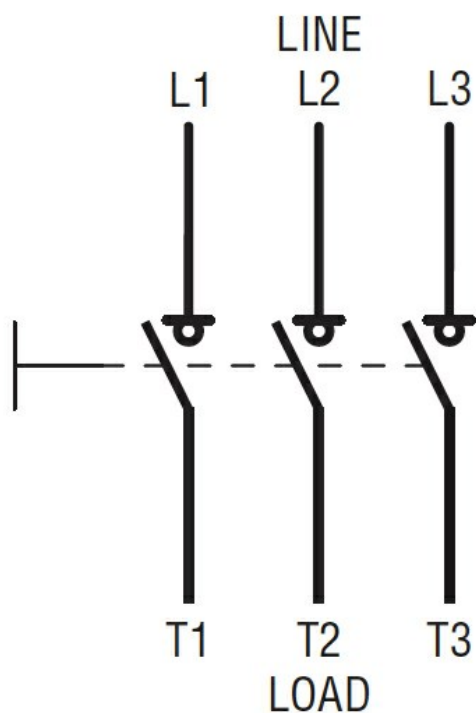
Direct operating version with handle
GEX6 5D



With terminal cover and auxiliary contact



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM classification

ETIM 8.0

EC000216 -
Switch
disconnecter