



Contact characteristics

IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	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 125
	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
Reactive power for control of capacitors at		
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	Built-in terminal lug M8
Tightening torque for terminals	max max	Nm 4 lbin 3
Conductor section		
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
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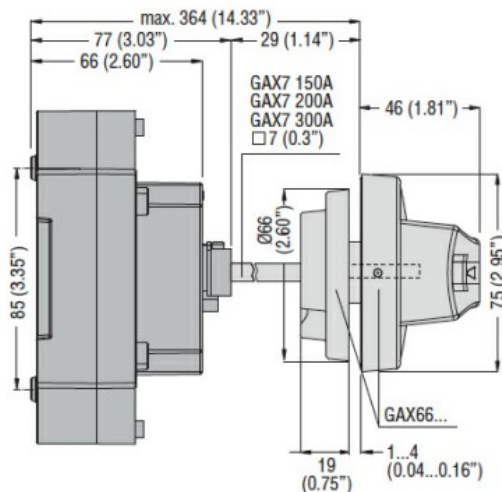
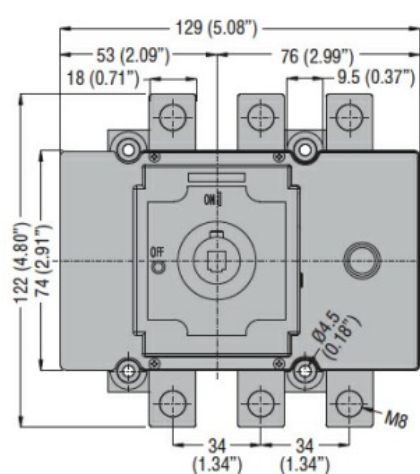
Resistance & Protection

Frontal IP degree IP20

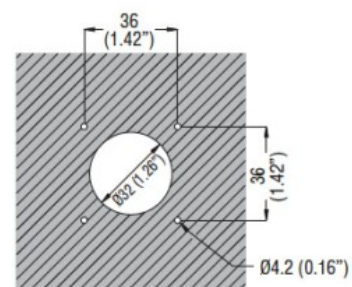
Terminals IP degree IP20

Pollution degree 3

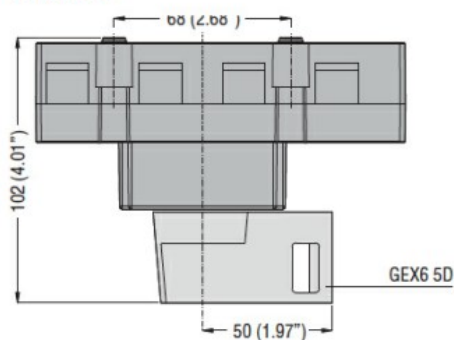
Dimensions



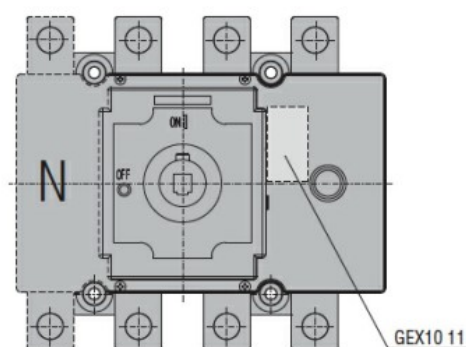
Drilling



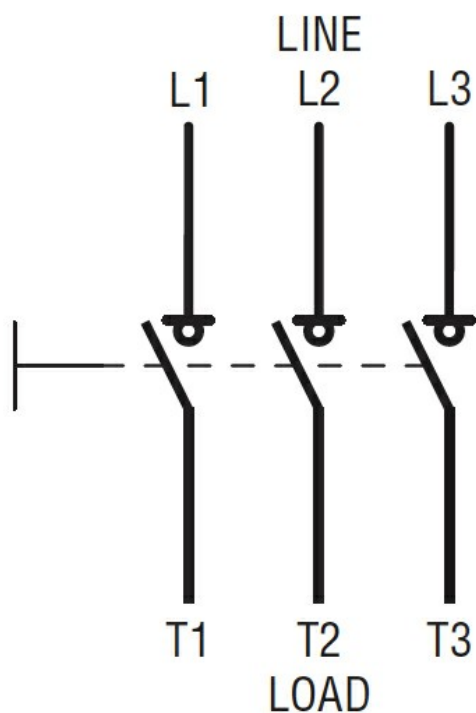
Direct operating version with handle
GEX6 5D



With 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