



Product designation

Product type designation

Number of poles

Operating voltage type

Switch  
disconnecter  
GL  
nr. 3  
AC

### Contact characteristics

IEC Conventional free air thermal current I <sub>th</sub>	A	250
---	---	-----

Rated insulation voltage U <sub>i</sub> IEC/EN	V	1000
--	---	------

Rated impulse withstand voltage U <sub>imp</sub>	kV	12
--	----	----

Operating current I<sub>e</sub>

AC21A

400V	A	250
500V	A	250
690V	A	250

AC22A

400V	A	250
500V	A	250
690V	A	250

AC23A

400V	A	250
500V	A	250
690V	A	250

Power dissipation per pole max	W	6.5
--------------------------------	---	-----

Rated operational power AC23A

400V	kW	140
690V	kW	250

Reactive power for control of capacitors at

400V	kvar	115
------	------	-----

Rated short time current (1s) I <sub>cw</sub> (rms)	kA	8
---	----	---

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

Short-circuit protection with fuse	Class/A	gG/250
------------------------------------	---------	--------

Making capacity AC23A 400V	A	2500
----------------------------	---	------

Breaking capacity AC23A 400V	A	2000
------------------------------	---	------

Mechanical life	cycles	20000
-----------------	--------	-------

### Mechanical features

Operating position

normal allowable	Vertical plan Any
---------------------	----------------------

Fixing

Screw / DIN rail 35mm
--------------------------

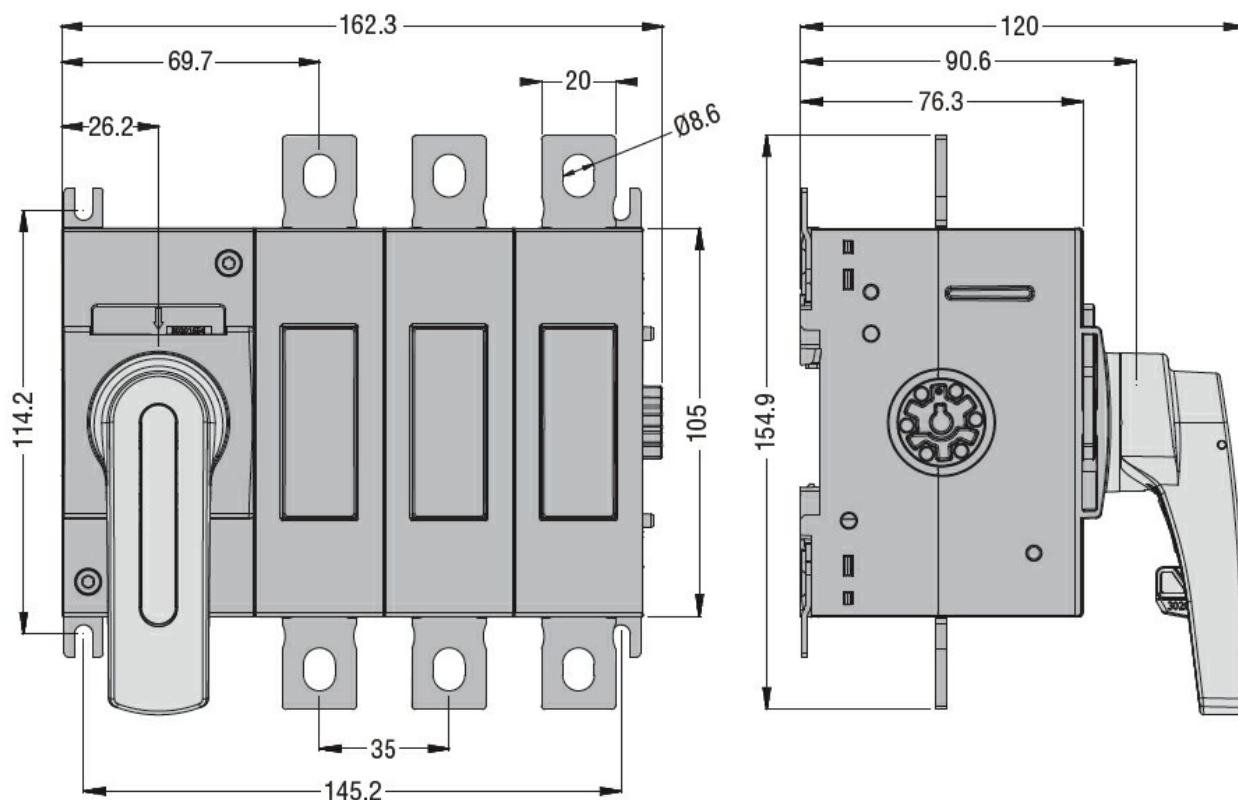
Terminals

type	M8 x 25
------	---------

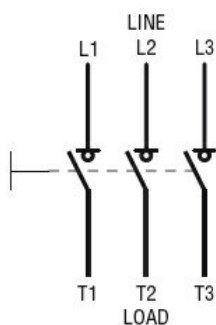
Tightening torque for terminals

min	Nm	15
max	Nm	22

	min	I <sub>bin</sub>	132
	max	I <sub>bin</sub>	194
Conductor section			
	IEC min	mm <sup>2</sup>	70
	IEC max	mm <sup>2</sup>	185
	AWG/kcmil min		00
	AWG/kcmil max		400
Ambient conditions			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
Max altitude			
		m	3000
Dimensions			



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

Certifications

EAC

ETIM 6 classification

EC000066 - Power contactor, AC switching