



Product designation	Switch disconnector		
Product type designation	GA		
Number of poles	nr.	3	
Operating voltage type		AC	
<b>Electrical features</b>			
Conventional free air thermal current I <sub>th</sub>	A	160	
Rated insulation voltage U <sub>i</sub>	V	1000	
Rated impulse withstand voltage U <sub>imp</sub>	kV	8	
Operating current			
	AC21A 400V	A	160
	AC21A 500V	A	160
	AC21A 690V	A	160
	AC22A 400V	A	160
	AC22A 500V	A	125
	AC22A 690V	A	125
	AC23A 400V	A	125
	AC23A 500V	A	100
	AC23A 690V	A	47
Power dissipation per pole max	W	12	
Rated operational power AC23A			
	400V	kW	55
	690V	kW	45
Rated short time current (1s) I <sub>cw</sub> (rms)	A	2500	
Conditional short-circuit current (rms)	kA	50	
Short circuit protection with fuse		gG160	
Making capacity AC23A 400V	A	1250	
Breaking capacity AC23A 400V	A	1000	
<b>Operations</b>			
Mechanical life	Cycles	30000	
Electrical life AC21A	Cycles	1500 (AC23A 400V)	
<b>Ambient conditions</b>			
Operating temperature			
	min	°C	-25
	max	°C	55
Storage temperature			
	min	°C	-40
	max	°C	70
Max altitude	m	3000	
<b>Mechanical features</b>			
Operating position		normal allowable	Vertical plan Any
Mounting			Screw / DIN rail 35mm

Terminals

type		Pillar
width	mm	12.4
height	mm	10.4
screw		M8
tool		Metric Allen key 4

Tightening torque for terminals

min	Nm	5
max	Nm	6
min	lbft	3.75
max	lbft	4.5

Conductor section

min (IEC)	mm <sup>2</sup>	4
max (IEC)	mm <sup>2</sup>	70
min (AWG)		12
max (AWG)		1

Frontal IP degree

IP20

Pollution degree

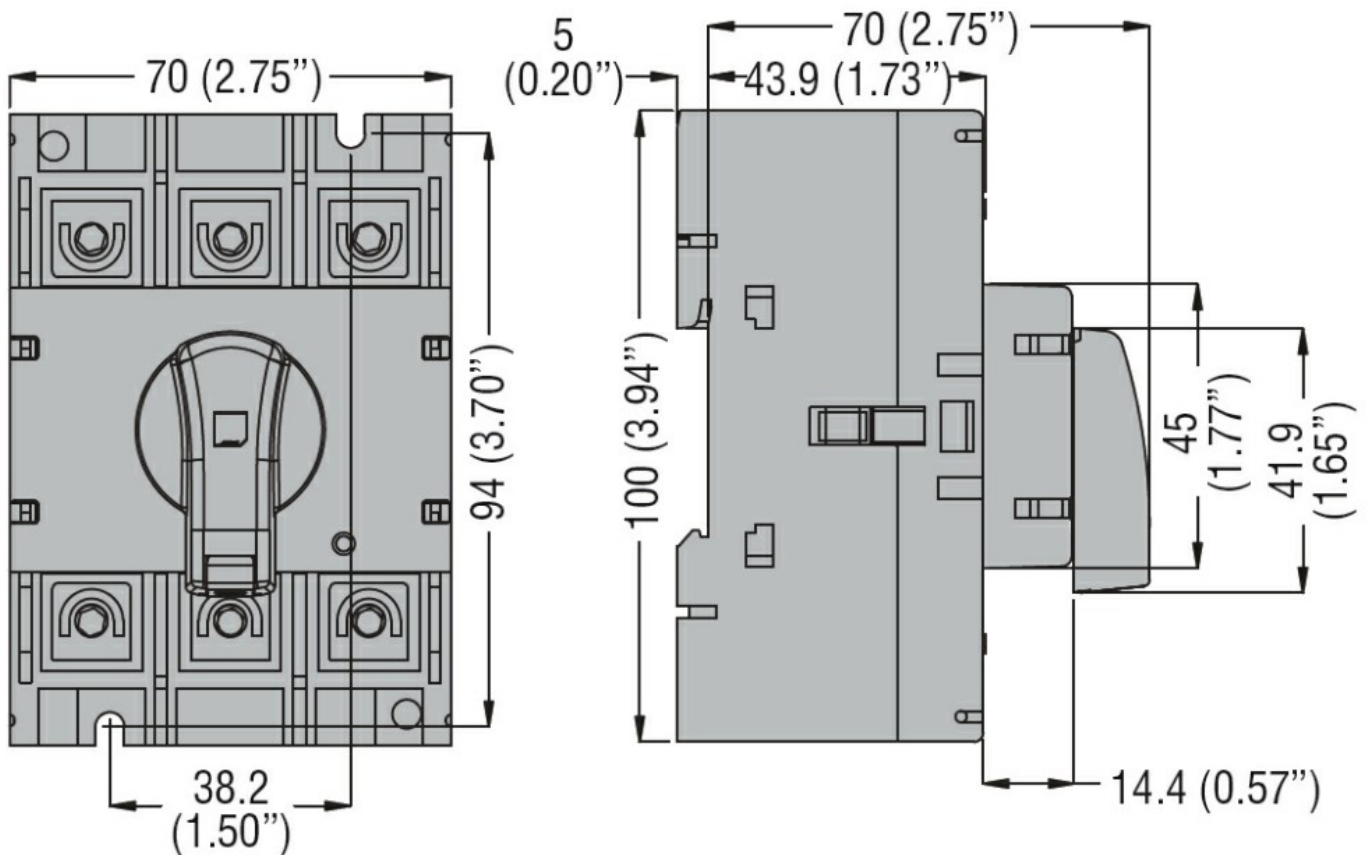
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UL technical data

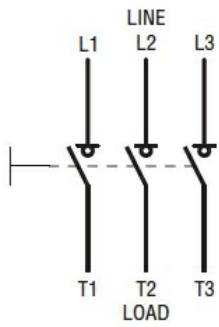
Compliance

UL98 / CSA  
 C22.2 n°4

Dimensions



Wiring diagrams



### Certifications and compliance

#### Compliance

IEC/EN 60947-1

IEC/EN 60947-3

#### Certifications

CCC

EAC