Lovato electric
ENERGY AND AUTOMATION

GEF0100F

THREE-POLE SWITCH DISCONNECTOR, WITH NFC FUSE HOLDER, 100A

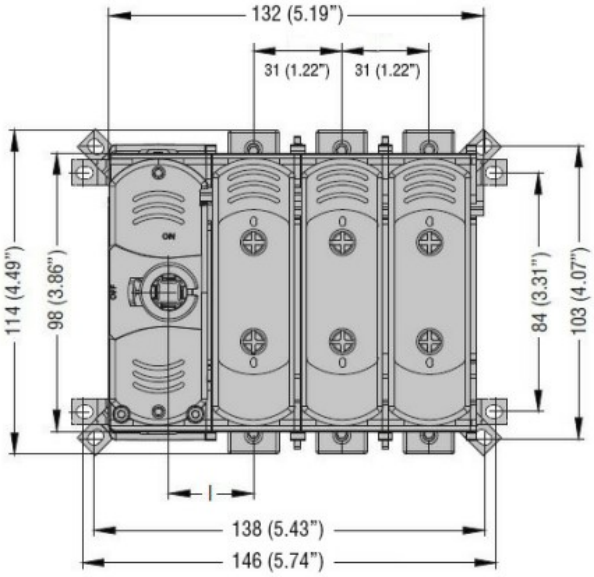


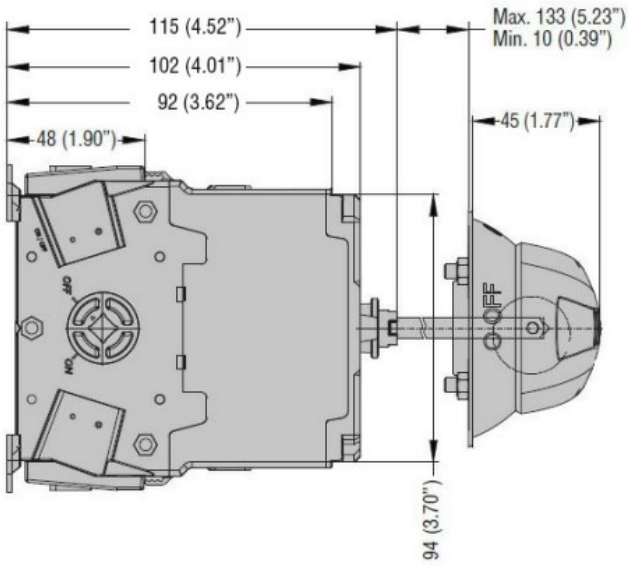
Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	100
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	8
Operating current Ie				
	AC21A			
		400V	A	100
		500V	A	100
	AC22A			
		400V	A	100
		500V	A	80
	AC23A			
		400V	A	100
		500V	A	63
Power dissipation per pole max			W	9
Reactive power for control of capacitors at				
Conditional short-circuit current (rms)			kA	100
Making capacity AC23A 400V			A	800
Breaking capacity AC23A 400V			A	640
Mechanical life			cycles	10000
Mechanical features				
Fixing				Screw
Terminals				
		type		Hex terminals
Tightening torque for terminals				
		max	Nm	2
		max	lbin	17.7
Conductor section				
Weight			g	1000
UL technical data				
Operating voltage max			V	500
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
Terminals IP degree				IP20
Pollution degree				3
Dimensions				

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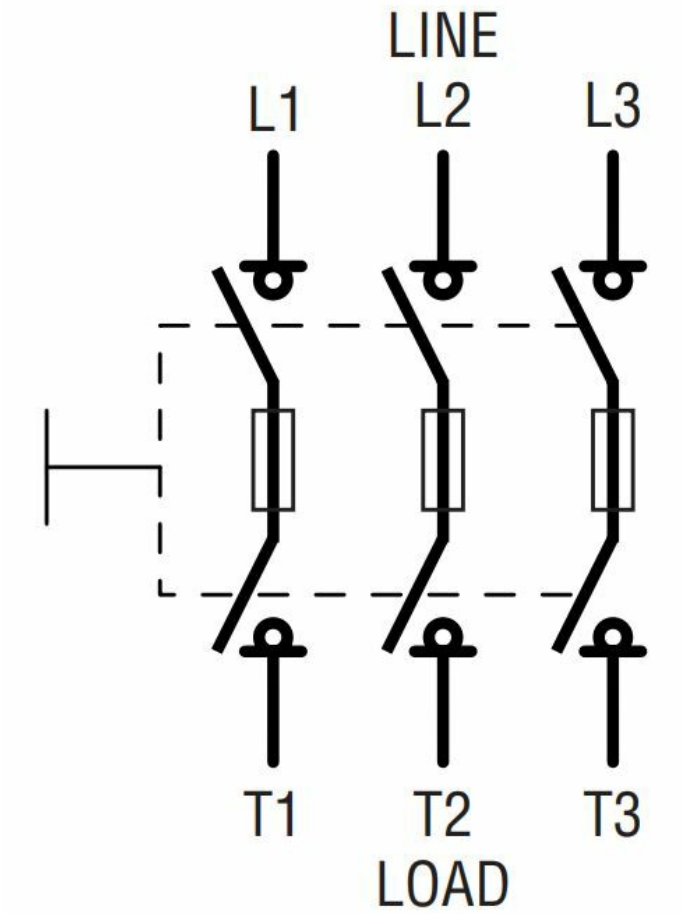
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Wiring diagrams



Certifications and compliance

Compliance	
	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
Certifications	
	CE
	UKCA

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ETIM classification

ETIM 8.0	EC000216 - Switch disconnector

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