Lovato electric
ENERGY AND AUTOMATION

GE1600T4

FOUR-POLE SWITCH DISCONNECTOR, 1600A

Contact characteristics				
IEC Conventional free air thermal current Ith ≤ 40°C			A	1600
Rated insulation voltage Ui IEC/EN			V	1000
Rated impulse withstand voltage Uimp			kV	12
Operating current Ie				
	AC21A			
		400V	A	1600
		500V	A	1600
		690V	A	1600
	AC22A			
		400V	A	1600
		500V	A	1250
		690V	A	1000
	AC23A			
		400V	A	1000
		500V	A	900
		690V	A	630
Power dissipation per pole max			W	128
Rated operational power AC23A				
		400V	kW	554
		690V	kW	600
Reactive power for control of capacitors at				
Rated short time current (1s) Icw (rms)			kA	50
Conditional short-circuit current (rms)			kA	72
Short-circuit protection with fuse			Class/A	2x gG800
Making capacity AC23A 400V			A	10000
Breaking capacity AC23A 400V			A	8000
Mechanical life			cycles	10000
Electrical life AC21A			cycles	500 (AC23A 400V)
Mechanical features				
Operating position				
		normal		Vertical plan
		allowable		Any
Fixing				Screw
Terminals				
		type		Bar
		screw		M14
Tightening torque for terminals				
		max	Nm	55
		max	lbin	10
Conductor section				
Bar dimensions max				60x10
Ambient conditions				
Operating temperature				

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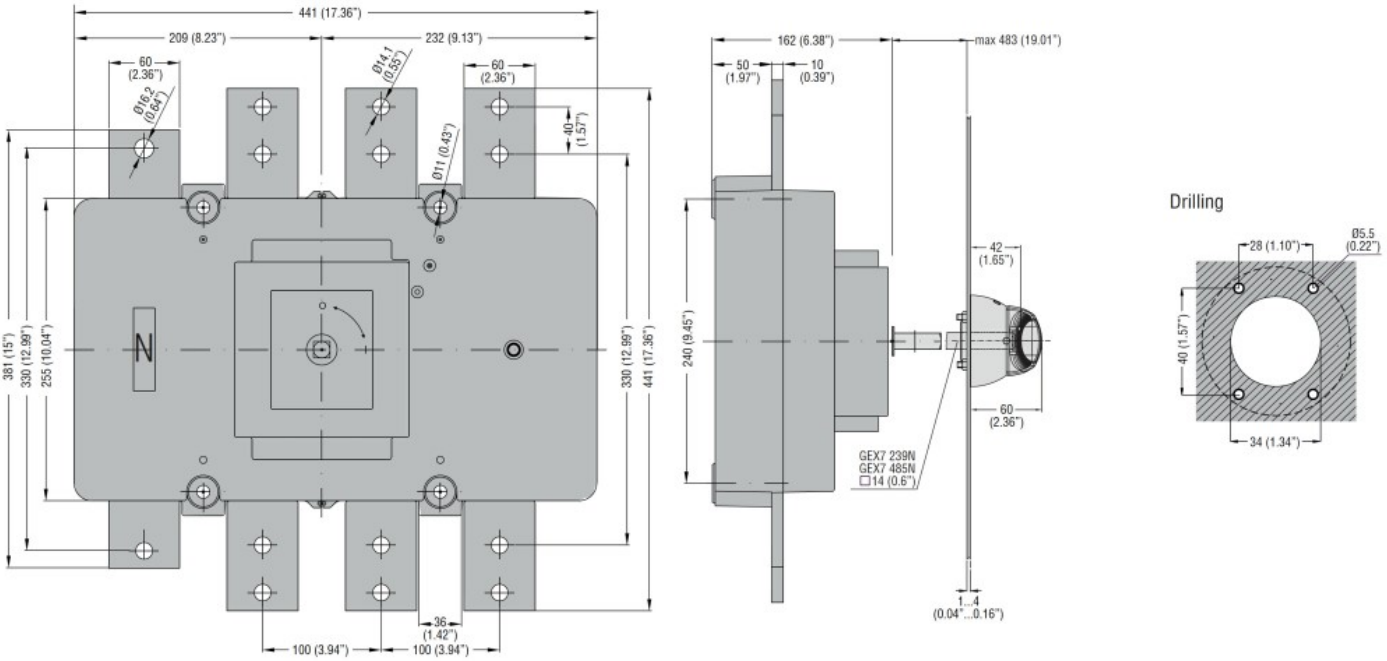
	min	°C	-25
	max	°C	55
Storage temperature			
	min	°C	-40
	max	°C	70
Max altitude		m	3000

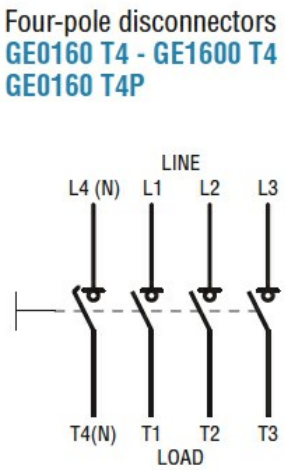
Resistance & Protection

Frontal IP degree	IP20
Pollution degree	3

Dimensions



Wiring diagrams



Certifications and compliance

Compliance	
	IEC/EN 60947-1
	IEC/EN 60947-3
Certifications	
	EAC

ETIM classification

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ETIM 8.0

EC000216 - Switch disconnector

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