



Electrical features

Number of poles	Nr.	3	
Magnetic protection		yes	
Thermal protection		yes	
Phase failure detection		yes	
Rated insulation voltage U_i IEC/EN	V	690	
Rated impulse withstand voltage U_{imp}	kV	6	
Rated frequency	Hz	50/60	
Thermal trip adjustment range		9...14	
Rated current (I_n)	A	14	
Magnetic tripping		13 x I_n	
Power dissipation per pole	min	W	1.13
	max	W	2.73

Operational short-circuit current breaking capacity (I_{cs}) at AC

230V	kA	100
400V	kA	12.5
440V	kA	5
500V	kA	5
690V	kA	3

Maximum short-circuit current breaking capacity (I_{cu}) at AC

230V	kA	100
400V	kA	25
440V	kA	10
500V	kA	10
690V	kA	3

Breaking capacity short-circuit current (I_{cn}) at DC

150V	kA	0
300V	kA	0
450V	kA	0

Tripping class		10A
IEC Utilization category		A

Operations

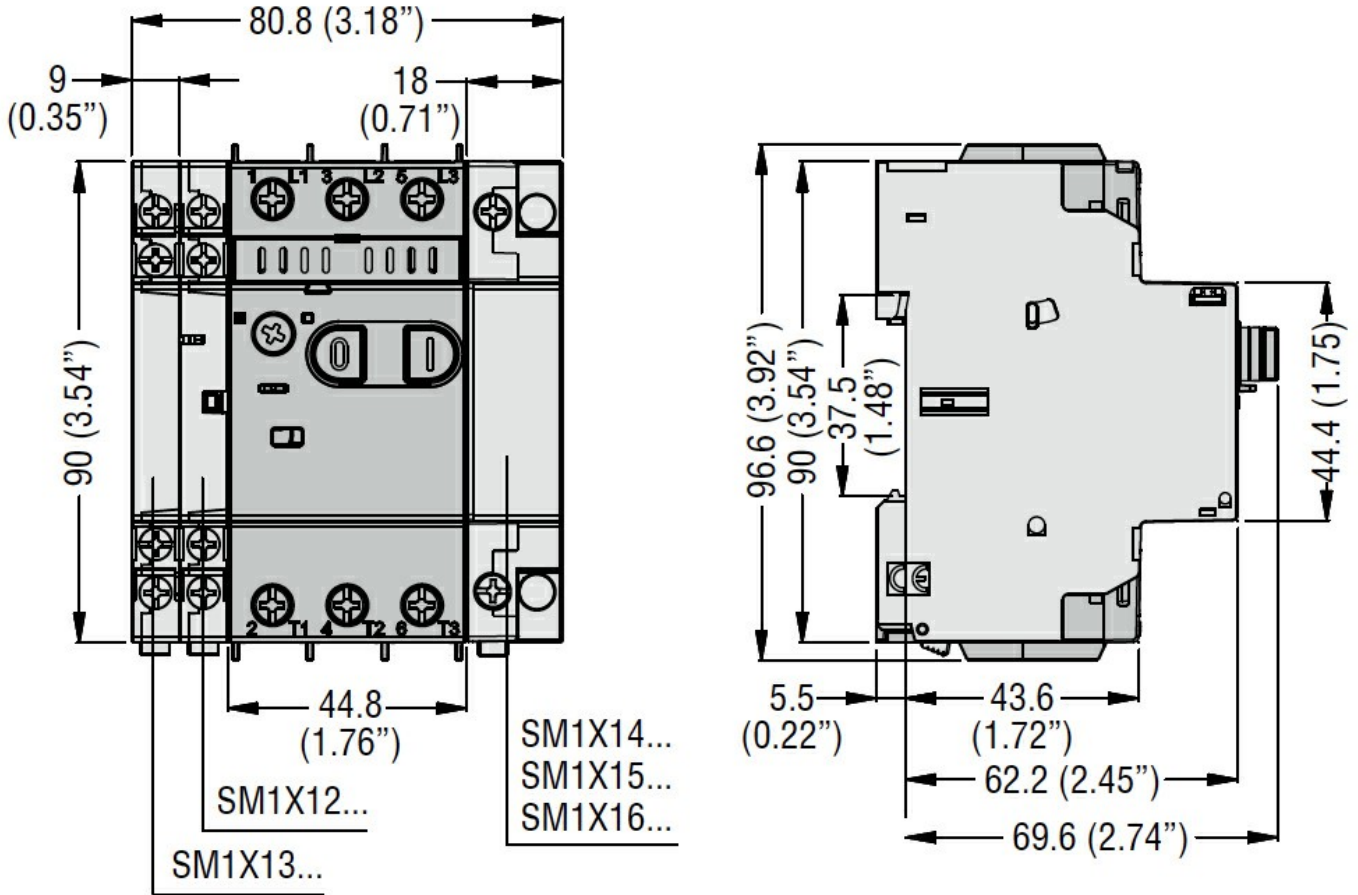
Mechanical life	cycles	100000
Electrical life	cycles	100000

Mechanical features

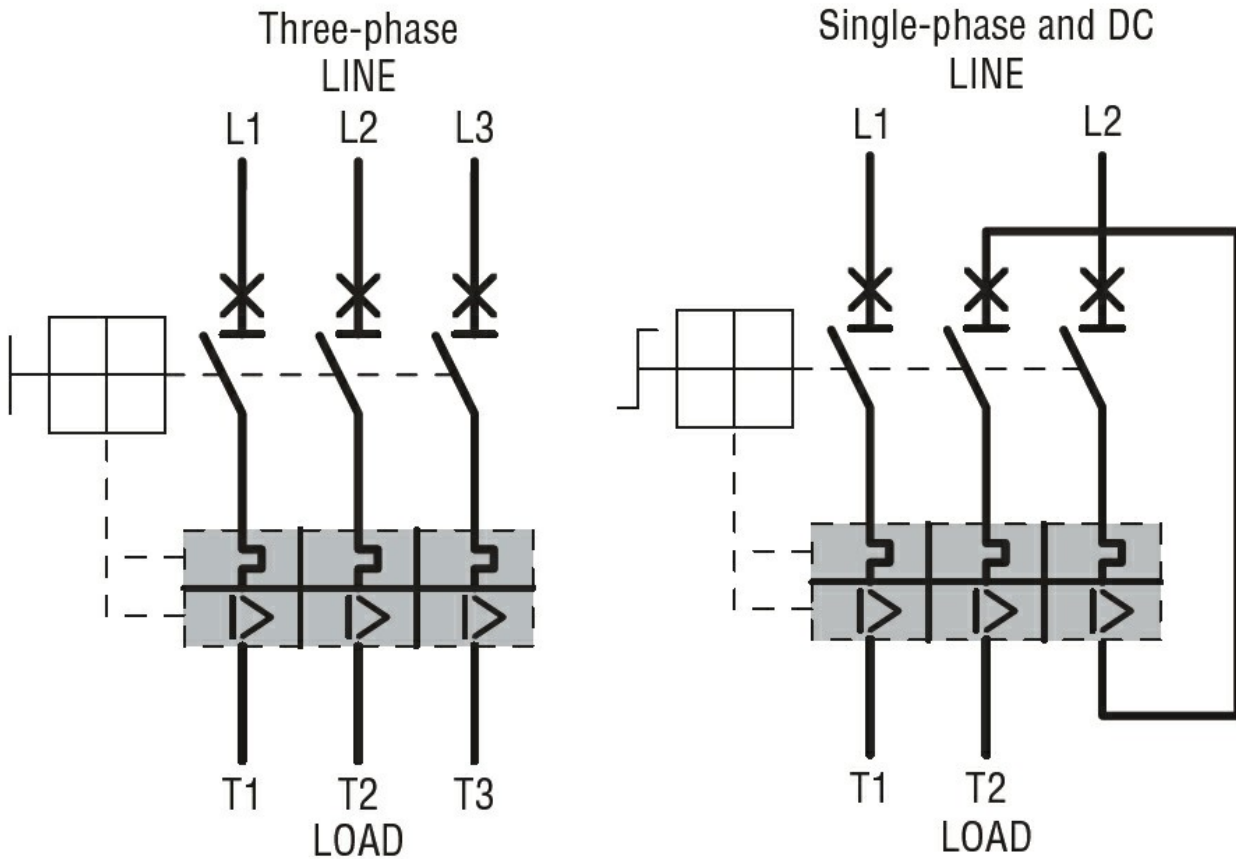
Tightening torque for terminals	min	Nm	2.5
	max	Nm	3
	min	lbin	22
	max	lbin	26.5
Max number of wires simultaneously connectable	Nr.	2	
Conductor section	AWG/Kcmil		
	min		16

		max		8
Flexible w/o lug conductor section		min	mm ²	1
		max	mm ²	10
Flexible c/w lug conductor section		min	mm ²	1
		max	mm ²	10
Flexible with insulated spade lug conductor section		min	mm ²	1
		max	mm ²	10
Screwdriver				PH2
Power terminal protection according to IEC/EN 60529				IP20 on front
Cable stripping length				
	main circuit	mm		10
Ambient conditions				
Temperature				
Operating temperature				
		min	°C	-20
		max	°C	+60
Storage temperature				
		min	°C	-50
		max	°C	+80
Compensation temperature				
		min	°C	-20
		max	°C	+50
Max altitude			m	3000
Operating position				
	normal allowable			Vertical plan Any
Fixing				Screw / DIN rail 35mm
Weight			g	350
UL technical data				
Motor Disconnect				
	at 240V	kA		30
	at 480V	kA		30
	at 600V	kA		30
	protection			100A class J
Group Motor Installation				
	at 240V	kA		30
	at 480V	kA		30
	at 600V	kA		30
	protection			100A class J
Tap Conductor Protection				
	at 480Y/277V	kA		50
	at 600Y/347V	kA		50
Maximum UL/CSA horsepower ratings single-phase				
	110V-120V	HP		3/4
	220V-240V	HP		2
Maximum UL/CSA horsepower ratings three-phase, 3-pole				
	200V-208V	HP		3
	220V-240V	HP		3
	440V-480V	HP		10

Dimensions



Wiring diagrams



Certifications and compliance

Certifications

CSA C22.2 n° 14

IEC/EN 60947-1

IEC/EN 60947-2

IEC/EN 60947-4-1

UL508

Compliance

cULus

EAC

ETIM classification

ETIM 8.0

EC000074 -
Motor protection
circuit-breaker