



Electrical features

Magnetic protection	yes
Thermal protection	no
Rated insulation voltage U_i IEC/EN	V 690
Rated impulse withstand voltage U_{imp}	kV 6
Rated frequency	Hz 50/60
Rated current (I_n)	A 1
Magnetic tripping	13 x I_n
Power dissipation per pole	

min	W	0.85
max	W	2.14

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

230V	kA	100
400V	kA	100
440V	kA	100
500V	kA	100
690V	kA	100

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

230V	kA	100
400V	kA	100
440V	kA	100
500V	kA	100
690V	kA	100

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

Conductor section

AWG/Kcmil

min	16
max	8

Flexible w/o lug conductor section

min	mm ²	1
max	mm ²	10

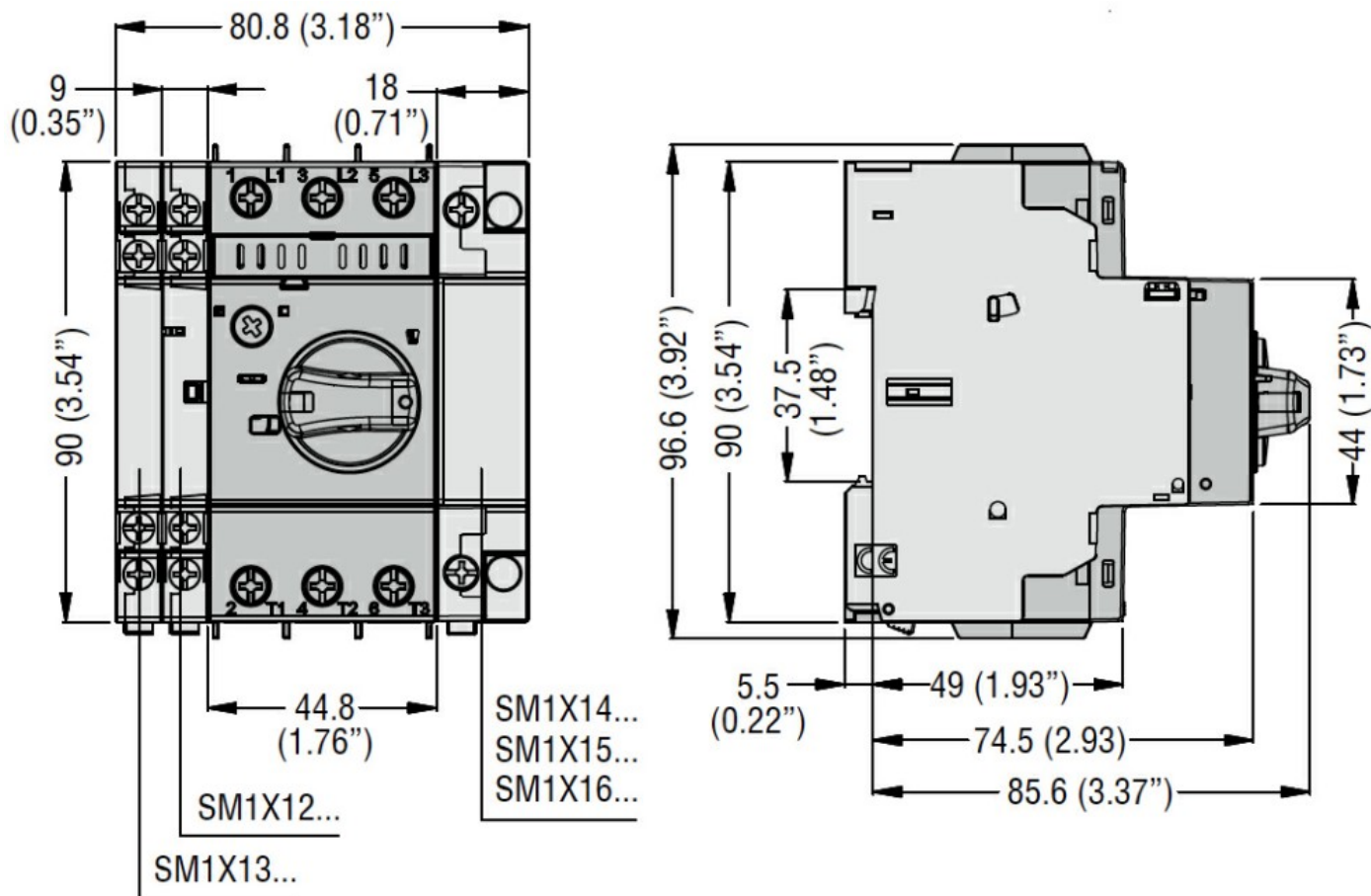
Flexible c/w lug conductor section

min	mm ²	1
max	mm ²	10

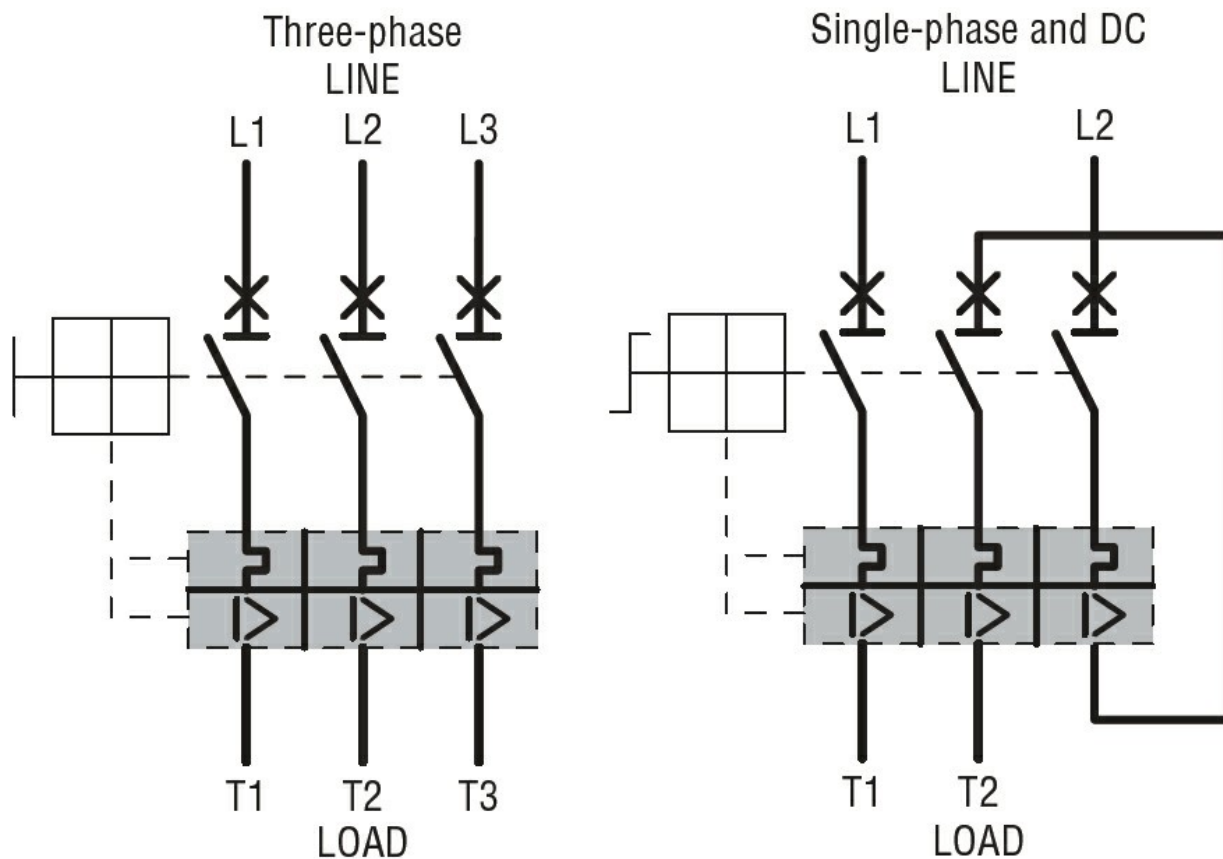
Flexible with insulated spade lug conductor section

min	mm ²	1
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		max	mm ²	10
Screwdriver				PH2
Cable stripping lenght				
		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				
		allowable		Any
Fixing				Screw / DIN rail 35mm
Weight			g	320
UL technical data				
Motor Disconnect				
		at 240V	kA	65
		at 480V	kA	65
		at 600V	kA	50
		protection		Fuse or CB
Group Motor Installation				
		at 480V	kA	50
		at 600V	kA	50
		protection		Fuse or CB
Tap Conductor Protection				
		at 480Y/277V	kA	50
		at 600Y/347V	kA	50
Dimensions				



Wiring diagrams



Certifications and compliance

Certifications

CSA C22.2 n° 60947-4-1

IEC/EN 60947-1

IEC/EN 60947-2

IEC/EN 60947-4-1

UL60947-4-1

Compliance

cULus

EAC

ETIM classification

ETIM 8.0

EC000074 -
Motor protection
circuit-breaker