

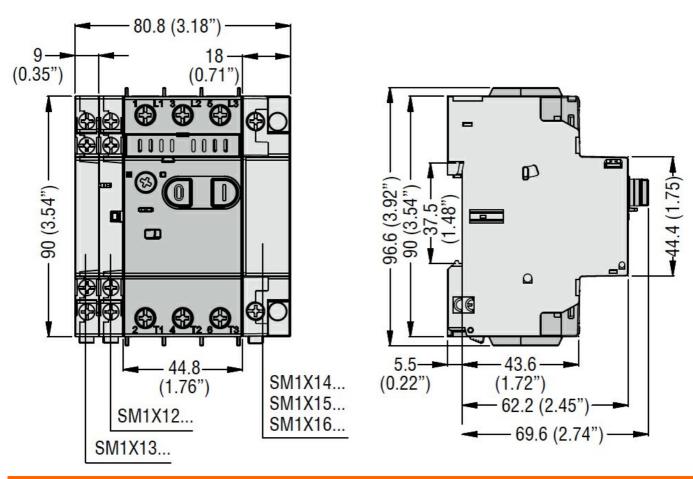


Product designation			Motor protection circuit breaker
Product type designation			SM1P
Electrical features		Nie	2
Number of poles		Nr.	3
Magnetic protection			yes
Thermal protection			yes
Phase failure detection		V	yes
Rated insulation voltage Ui IEC/EN			690
Rated impulse withstand voltage Uimp		kV	6
Rated frequency		Hz	50/60
Thermal trip adjustment range			1723
Rated current (In)		Α	23
Magnetic tripping			13 x ln
Power dissipation per pole			
	min	W	1.86
	max	W	3.41
Operational short-circuit current breaking capacity (Ics) at AC			
	230V	kA	50
	400V	kA	5
	440V	kA	5
	500V	kA	5
<del></del>	690V	kA	2
Maximum short-circuit current breaking capacity (Icu) at AC			
	230V	kA	50
	400V	kA	15
	440V	kA	10
	500V	kA	10
	690V	kA	2
Tripping class			10A
IEC Utilization category			Α
Operations			
Mechanical life		cycles	100000
Electrical life		cycles	100000
Mechanical features			
Tightening torque for terminals			
	min	Nm	2.5
	max	Nm	3
	min	Ibin	22
	max	Ibin	26.5
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	min		16
	max		8

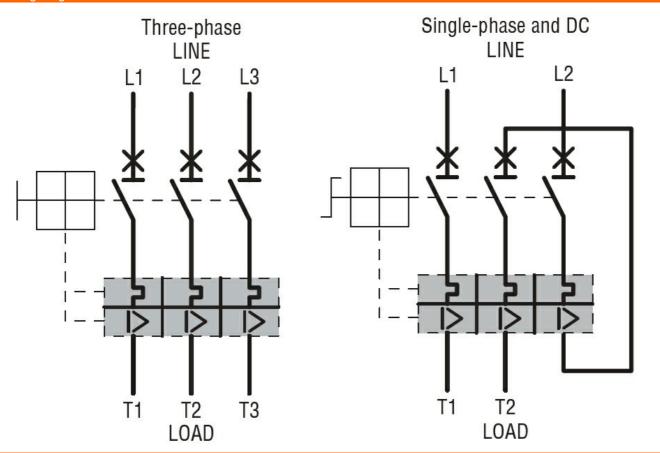


	Flexible w/o lug conductor section			
	r lexible w/o lug coriductor section	min	mm²	1
		max	mm²	10
	Flexible c/w lug conductor section			
	The second of the same of the	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor	section		
		min	mm²	1
		max	mm²	10
Screwdriver				PH2
	tion according to IEC/EN 60529			IP20 on front
Cable stripping lenght				
A 1.1 4 194		main circuit	mm	12
Ambient conditions				
Temperature	Operating temperature			
	Operating temperature	min	°C	-20
		max	°C	+60
	Storage temperature	IIIdX		100
	Ciorago temporataro	min	°C	-50
		max	°C	+80
	Compensation temperature			
	·	min	°C	-20
		max	°C	+50
Max altitude			m	3000
Operating position				
		normal		Vertical plan
		allowable		Any
Fixing				Screw / DIN rail 35mm
Weight			g	350
UL technical data				
Motor Disconnect				
		at 240V	kA	5
		at 480V	kA	5
Crave Mater Installatio		protection		Fuse or CB
Group Motor Installation	on	at 240\/	IzΛ	E
		at 240V at 480V	kA kA	5 5
		protection	KΛ	Fuse or CB
Tap Conductor Protec	tion	protection		1 000 01 00
		at 480Y/277V	kA	50
		at 600Y/347V	kA	50
Maximum UL/CSA hor	rsepower ratings single-phase			
		110V-120V	HP	1.5
		220V-240V	HP	3
Maximum UL/CSA hor	rsepower ratings three-phase, 3-pole			
		200V-208V	HP	5
		220V-240V	HP	7.5
		440V-480V	HP	15
Dimensions				





## Wiring diagrams









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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