



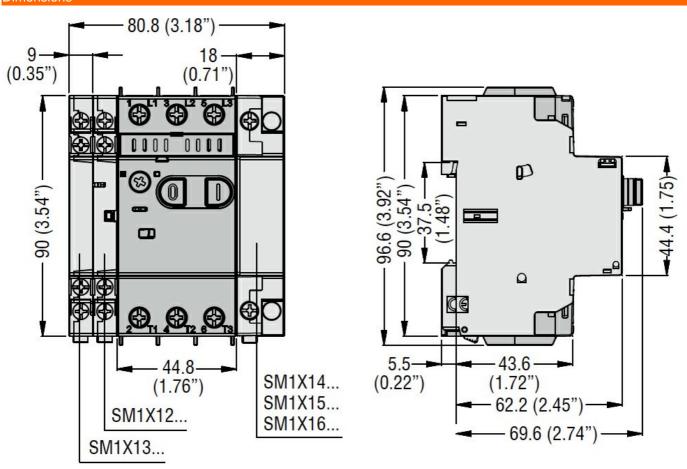
Product designation			Motor protection
Product type designation			circuit breaker SM1P
Electrical features			SIVITI
Number of poles		Nr.	3
Magnetic protection			yes
Thermal protection			yes
Phase failure detection			yes
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Rated frequency		Hz	50/60
Thermal trip adjustment range		1 12	0.40.63
Rated current (In)		A	0.63
Magnetic tripping			13 x ln
Power dissipation per pole			13 X III
r ower dissipation per pole	min	W	0.79
	max	W	1.95
Operational short-circuit current breaking capacity (Ics) at AC	Шах	VV	1.33
Operational Short-circuit current breaking capacity (ics) at AC	230V	kA	100
	400V	kA kA	100
	440V	kA	100
	500V	kA	100
	690V	kA	100
Maximum short-circuit current breaking capacity (Icu) at AC	000 0	10.1	100
waximum short circuit current breaking capacity (loa) at AO	230V	kA	100
	400V	kA	100
	440V	kA	100
	500V	kA	100
	690V	kA	100
Tripping class			10A
IEC Utilization category			A
Operations			
Mechanical life		cycles	100000
Electrical life		cycles	100000
Mechanical features		0,0.00	
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



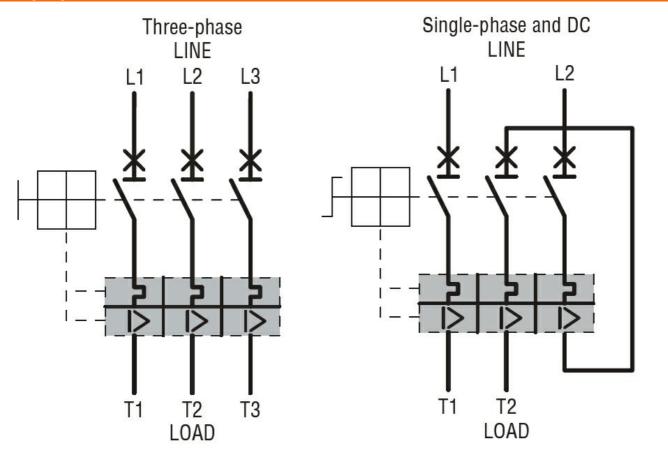
	Flacklands has an extraction of			
	Flexible w/o lug conductor section	min	mm²	1
		min	mm² mm²	1 10
	Florible a/w lug conductor ageticn	max	IIIII-	10
	Flexible c/w lug conductor section	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor section			
	Tioxibio Will inculated opado lag conductor coolien	min	mm²	1
		max	mm²	10
Screwdriver				PH2
Power terminal protec	tion according to IEC/EN 60529			IP20 on front
Cable stripping lenght				
11 0 0		main circuit	mm	12
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	+60
	Storage temperature			
		min	°C	-50
	-	max	°C	+80
	Compensation temperature			
		min	°C	-20
May altitude		max	°C	+50
Max altitude			m	3000
Operating position		n o rmo ol		\/artical plan
		normal allowable		Vertical plan Any
		allowable		Screw / DIN rail
Fixing				35mm
Weight			g	280
UL technical data			J	
Motor Disconnect				
		at 240V	kA	50
		at 480V	kA	50
		at 600V	kA	50
		protection		Fuse or CB
Group Motor Installation	on			
		at 240V	kA	50
		at 480V	kA	50
		at 600V	kA	50
Ton Conductor Broton	41	protection		Fuse or CB
Tap Conductor Protec	TION	ot 490V/077V	I. A	F.O.
		at 480Y/277V	kA	50
Maximum III /CSA har	rsepower ratings single-phase	at 600Y/347V	kA	50
Maximum OL/COA 1101	sepower ramings single-priase	110V-120V	HP	_
		220V-240V	HP	-
Maximum III /CSA bor	rsepower ratings three-phase, 3-pole	220 V 270 V	111	
Maximani OL/OOA NOI	sopemor raunge unde phase, o pole	200V-208V	HP	-
		220V-240V	HP	-
		440V-480V	HP	-
		550V-600V	HP	-



Dimensions



Wiring diagrams





circuit-breaker





ENERGY AND AUTOMATION

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			