

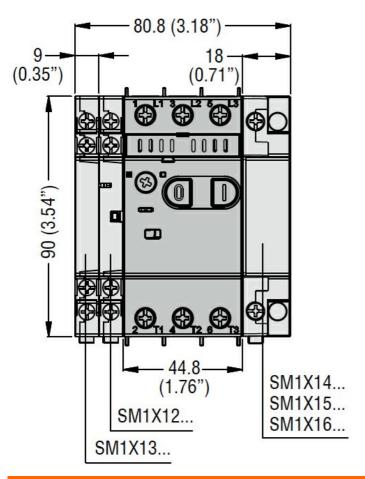


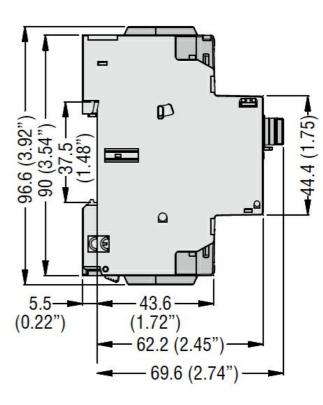
Product designation			Motor protection circuit breaker SM1P
Product type designation Electrical features			SIVITE
Number of poles		Nr.	3
Magnetic protection			yes
Thermal protection			yes
Phase failure detection			yes
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
Rated frequency		Hz	50/60
Thermal trip adjustment range			1318
Rated current (In)		Α	18
Magnetic tripping			13 x ln
Power dissipation per pole			
	min	W	1.34
	max	W	2.57
Operational short-circuit current breaking capacity (Ics) at AC			
5 to 1 to	230V	kA	50
	400V	kA	12.5
	440V	kA	5
	500V	kA	5
	690V	kA	3
Maximum short-circuit current breaking capacity (Icu) at AC			
	230V	kA	100
	400V	kA	25
	440V	kA	10
	500V	kA	10
	690V	kA	3
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	Ibin	26.5
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	min		16
	max		8



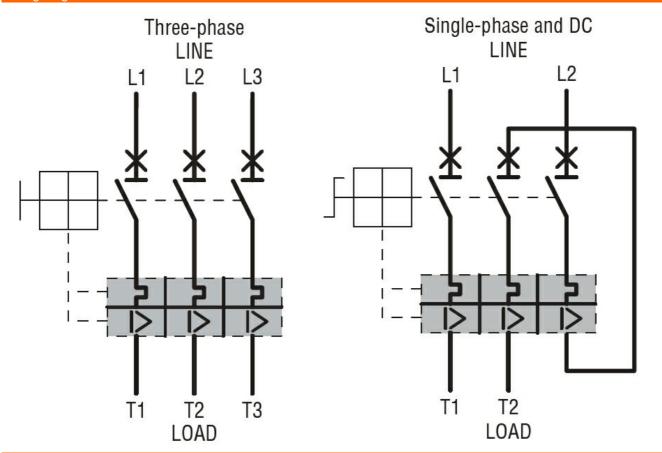
	Flexible w/o lug conductor section			
	r lexible w/o lag corradctor section	min	mm²	1
		max	mm²	10
	Flexible c/w lug conductor section			
	The second of th	min	mm²	1
		max	mm²	10
	Flexible with insulated spade lug conductor s	section		
		min	mm²	1
		max	mm²	10
Screwdriver				PH2
Power terminal protect	ction according to IEC/EN 60529			IP20 on front
Cable stripping lenght	t			
		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		۰.	00
		min	°C	-20 +50
Max altitude		max		3000
Operating position			m	3000
Operating position		normal		Vertical plan
		allowable		Any
		anowabic		Screw / DIN rail
Fixing				35mm
Weight			g	350
UL technical data				
Motor Disconnect				
		at 240V	kA	30
		at 480V	kA	30
		protection		100A class J
Group Motor Installation	on		_	_
		at 240V	kA	30
		at 480V	kA	30
		protection		100A class J
Tap Conductor Protect	ction			
		at 480Y/277V	kA	50
		at 600Y/347V	kA	50
Maximum UL/CSA ho	rsepower ratings single-phase	4401/4001/	1.10	4
		110V-120V	HP	1
Maximum III /00 A I -	reconcular retings three where O ==!-	220V-240V	HP	3
IVIAXIMUM UL/CSA NO	rsepower ratings three-phase, 3-pole	2001/ 2001/	ЫD	E
		200V-208V 220V-240V	HP HP	5 5
		440V-480V	HP	10
Dimensions		740 V -400 V	1 11	
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Wiring diagrams







MOTOROVÝ SPOUŠTĚČ TLAČÍTKOVÝ 13-18A, 400V, ICU 25KA

ENERGY AND AUTOMATION

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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