

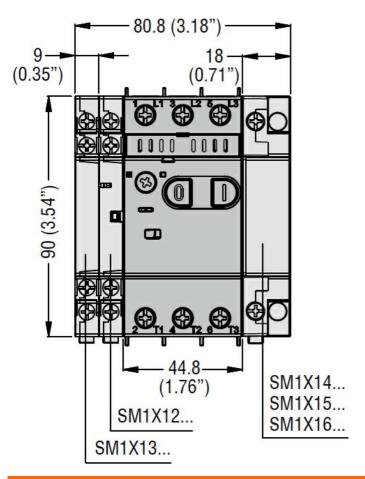


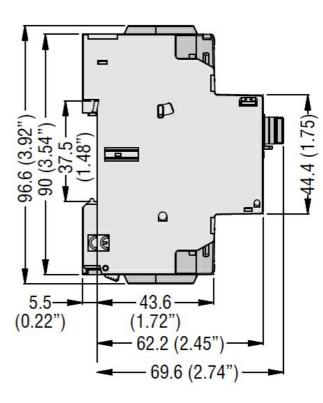
Product designation			Motor protection circuit breaker
Product type designation			SM1P
Electrical features		N.I.	2
Number of poles		Nr.	3
Magnetic protection Thermal protection			yes
Phase failure detection			yes
		\/	yes
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	50/60
Rated frequency		Hz	
Thermal trip adjustment range		Δ.	2432
Rated current (In)		Α	32
Magnetic tripping			13 x ln
Power dissipation per pole			
	min	W	2.49
	max	W	4.42
Operational short-circuit current breaking capacity (Ics) at AC			
	230V	kA	50
	400V	kA	5
	440V	kA	5
	500V	kA	5
	690V	kA	2
Maximum short-circuit current breaking capacity (Icu) at AC			
	230V	kA	50
	400V	kA	10
	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



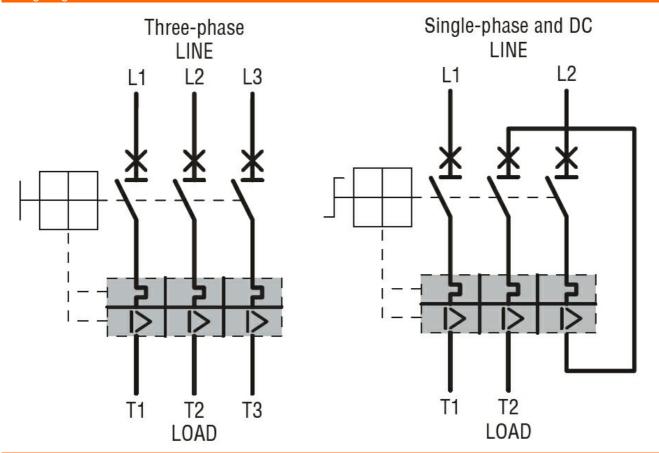
	Flexible w/o lug conductor section				
	r lexible w/o lag corradetor section	min	mm²	1	
		max	mm²	10	
	Flexible c/w lug conductor section	<u></u>			
	3	min	mm²	1	
		max	mm²	10	
	Flexible with insulated spade lug conductor	or section			
		min	mm²	1	
		max	mm²	10	
Screwdriver				PH2	
	tion according to IEC/EN 60529			IP20 on front	
Cable stripping lenght					
		main circuit	mm	12	
Ambient conditions					
Temperature					
	Operating temperature		0.0	00	
		min	°C	-20	
	Ctoro as to man a votivia	max	°C	+60	
	Storage temperature	min	°C	-50	
		max	°C	-50 +80	
	Compensation temperature	Παλ		+00	
	Compensation temperature	min	°C	-20	
		max	°C	+50	
Max altitude		THOX.	m	3000	
Operating position					
31		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	
		protection		Fuse or CB	
Group Motor Installation	on				
		at 240V	kA	5	
		at 480V	kA	5	
Ton Conducto Dest	Air no	protection		Fuse or CB	
Tap Conductor Protec	TION	-+ 4001//0771/	Ι. Α	50	
		at 480Y/277V at 600Y/347V	kA kA	50 50	
Maximum III /CSA box	rsepower ratings single-phase	at 0001/347 V	NA	30	
IVIANIIIIUIII UL/USA 1101	sepower raungs single-phase	110V-120V	HP	2	
		220V-240V	пr HP	5	
Maximum UL/CSA horsepower ratings three-phase, 3-pole					
a.a.iiiaiii OL/OO/(1101	soponor raungo unoo pridoo, o poio	200V-208V	HP	10	
		220V-240V	HP	10	
		440V-480V	HP	20	
Dimensions					







Wiring diagrams









Certifications

CSA C22.2 n° 14 IEC/EN 60947-1 IEC/EN 60947-2 IEC/EN 60947-4-1 UL508 cULus

Compliance

EAC

ETIM classification

ETIM 8.0

EC000074 -Motor protection circuit-breaker