= 25KA, 9...14A



Product designation			Motor protection circuit breaker
Product type designation			SM1P
Electrical features			
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			914
Rated current (In)		Α	14
Magnetic tripping			13 x ln
Power dissipation per pole			
and the property of the proper	min	W	1.13
	max	W	2.73
Operational short-circuit current breaking capacity (Ics) at AC			
operational entire entering and and activities are the second entering ente	230V	kA	100
	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
Breaking capacity short-circuit current (Icn) at DC			
	150V	kA	0
	300V	kA	0
	450V	kA	0
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	lbin	26.5
Max number of wires simultaneously connectable		Nr.	2

electric INTERRUPTORES GUARDAMOTORES, PODER DE CORTE EN CORTOCIRCUITO ICU A 400V = 25KA, 9...14A

ENERGY AND AUTOMATION

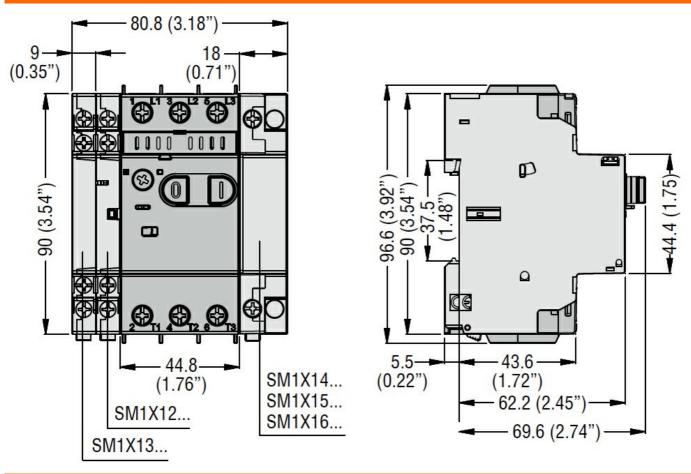
Conductor section			
	AWG/Kcmil		
	min		16
	max		8
	Flexible w/o lug conductor section	2	
	min		1
	The site of the paragraph of the paragra	mm²	10
	Flexible c/w lug conductor section	mana ²	4
	min		1 10
	Flexible with insulated spade lug conductor section	111111	10
	min	mm²	1
	max		10
Screwdriver	THE CONTRACT OF THE CONTRACT O		PH2
	ction according to IEC/EN 60529		IP20 on front
Cable stripping lengh			
5	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	2.0	
	min	°C	-20
Max altitude	max		+50
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		30
	at 600V		30
	protection		100A class J
Group Motor Installati			00
	at 240V		30
	at 480V at 600V	kA kA	30 30
		KΑ	100A class J
Fap Conductor Prote	protection		TOUA CIASS J
rap Conductor Frote	at 480Y/277V	kA	50
	at 4001/2/17 v at 600Y/347V		50
Maximum III /CSA ho	prsepower ratings single-phase	IV/	<u> </u>
a.mam ob/oom ne	110V-120V	HP	3/4
		1 11	O/ 1

electric INTERRUPTORES GUARDAMOTORES, PODER DE CORTE EN CORTOCIRCUITO ICU A 400V = 25KA, 9...14A

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200V-208V HP 3 220V-240V HP 3 440V-480V HP 10

Dimensions

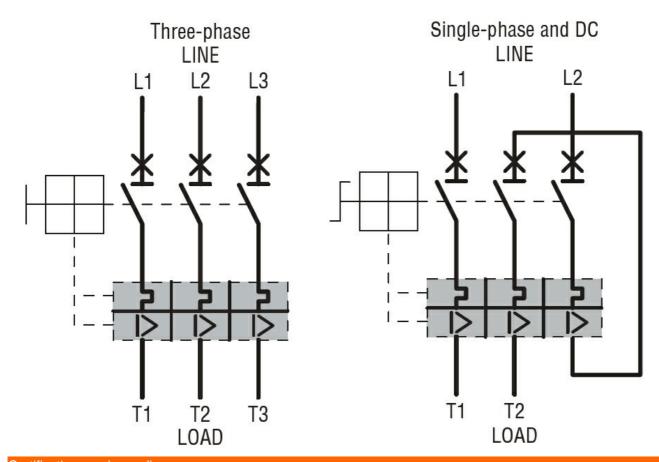


Wiring diagrams

ENERGY AND AUTOMATION

electric INTERRUPTORES GUARDAMOTORES, PODER DE CORTE EN CORTOCIRCUITO ICU A 400V

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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 circuit-breaker