



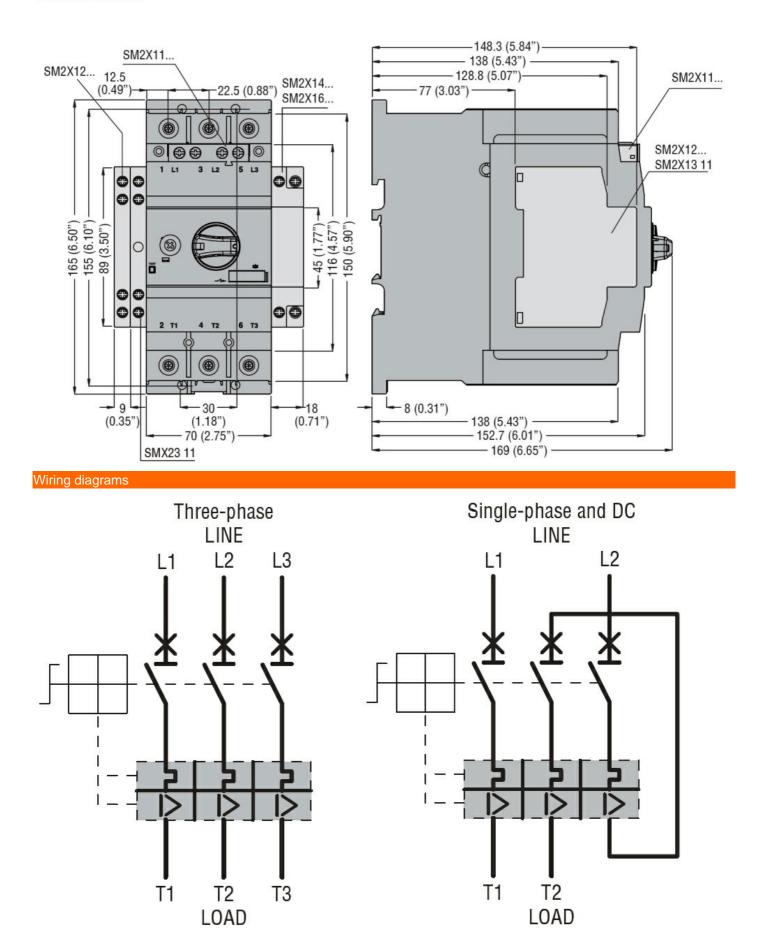
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Product designation				Motor protection circuit breaker
Product type designation				SM3R
Electrical features				
Number of poles			Nr.	3
Magnetic protection				yes
Thermal protection				yes
Phase failure detection				yes
Rated insulation voltage L	Ji IEC/EN		V	1000
Rated impulse withstand	voltage Uimp		kV	6
Rated frequency			Hz	50/60
Thermal trip adjustment ra	ange			5575
Rated current (In)			А	75
Magnetic tripping				13 x ln
Operational short-circuit c	urrent breaking capacity (Ics) at AC			
		230V	kA	100
		400V	kA	38
		440V	kA	30
		500V	kA	6
		690V	kA	4
Maximum short-circuit cur	rent breaking capacity (Icu) at AC			
		230V	kA	100
		400V	kA	50
		440V	kA	40
		500V	kA	8
		690V	kA	5
Tripping class				10A
IEC Utilization category				A
Operations				
Mechanical life			cycles	50000
Electrical life			cycles	25000
Mechanical features				
Tightening torque for term	ninals			
		min	Nm	4.5
		max	Nm	4.5
		min	lbin	4.4
		max	lbin	4.4
Max number of wires simu	ultaneously connectable		Nr.	2
Conductor section				
	WG/Kcmil			
		min		18
		max		3
F	lexible c/w lug conductor section	Шал		-
		min	mm²	10
		max	mm²	50
		max		

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ig conductor section min max	mm²	10			
	mm²	10			
max					
	mm²	50			
		Allen 4mm			
		IP20			
main circuit	mm	1			
min	°C	-20			
max	°C	+70			
min	°C	-50			
max	°C	+80			
min	°C	-50			
max	°C	+40			
	m	3000			
normal		Vertical plan			
allowable		Any			
		Screw / DIN rail			
		35mm			
	g	2200			
at 480V	kA	40			
at 600V	kA	10			
protection		Fuse or CB			
at 480V	kA	40			
at 600V	kA	10			
protection		Fuse or CB			
·					
at 480Y/277V	kA	40			
	kA	10			
UL508 / UL 60947-4-1 Manual Self Protected Combination Motor Controller (Type E) Short circuit current					
		100			
		40			
110\/-120\/	HP	5			
220V-240V	HP	15			
	. 11	10			
ole 2001/-2081/	ЦР	20			
200V-208V	HР	20 25			
200V-208V 220V-240V	HP	25			
200V-208V					
	min max min min max min max min max min min max min min max min min max min min max min min max min min max min min max min min min min min min min min min min	min °C max °C min °C max °C min °C max °C min °C max °C m rormal allowable g g at 480V kA at 600V kA protection at 480V kA at 600V kA protection at 480V kA at 600V kA protection at 480V kA at 600V kA protection			





Certifications and compliance Certifications

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The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



	CSA C22.2 n° 14	
	IEC/EN 60947-1	
	IEC/EN 60947-2	
	IEC/EN 60947-4-1	
	UL508	
Compliance		
	cULus	
	EAC	
ETIM classification		
		EC000074 -

ETIM 8.0

EC000074 -Motor protection circuit-breaker