



Product designation				Motor protective circuit breaker
Product type designat	ion			11SM1B
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				12 x ln
Operational short-circuit current breaking capacity (Ics) at AC				
	3 1 1 3 (1)	230V	kA	100
		400V	kA	12.5
		500V	kA	5
		690V	kA	2
Maximum short-circuit current breaking capacity (Icu) at AC				
		230V	kA	100
		400V	kA	25
		500V	kA	10
		690V	kA	2
Tripping class			10A	
IEC Utilization categor			A	
Operations	5			
Mechanical life		cycles	100000	
Electrical life			cycles	100000
Mechanical features			0)0100	100000
Tightening torque for t	erminals			
rightening terque for t		min	Nm	2.3
		max	Nm	2.3
		min	Ibin	20
		max	Ibin	20
Max number of wires	simultaneously connectable		Nr.	2
Conductor section				
	AWG/Kcmil			
		min		16
		max		10
	Flexible w/o lug conductor section	max		
		min	mm²	1
		max	mm²	6
	Flexible c/w lug conductor section	max		
		min	mm²	1

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

11SM1B40



MOTOR PROTECTION CIRCUIT BREAKER, IEC BREAKING CAPACITY ICU 25KA AT 400V, 9...14A

		max	mm²	6
	Flexible with insulated spade lug conductor section			
		min	mm²	1
		max	mm²	6
Screwdriver				PH2
Power terminal protect	tion according to IEC/EN 60529			IP20
Cable stripping lenght				
		main circuit	mm	1.
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-20
		max	°C	60
	Storage temperature			
	. .	min	°C	-50
		max	°C	80
	Compensation temperature			
		min	°C	-20
		max	°C	50
Max altitude			m	3000
Operating position				
e per sun g pee men		normal		Vertical plan
		allowable		Any
		anomabio		Screw / DIN rai
Fixing				35mm
Weight			g	352
Certifications and com	pliance		9	002
Certifications				
Continoationo	CSA C22.2 n.14			
	IEC/EN 60947-1			
	IEC/EN 60947-2			
	IEC/EN 60947-2			
Complianas	UL508			
Compliance	222			
	cULus			
	EAC			
ETIM classification				
				EC000074 -
ETIM 8.0				Motor protectio

ETIM 8.0

Hotor protection circuit-breaker