



11LMS25
Motor protective
circuit breaker

Product designation

Product type designation

Electrical features

Number of poles	nr.	3
Magnetic protection		Yes
Thermal protection		Yes
Phase failure detection		Yes
Rated insulation voltage U_i	V	690
Rated impulse withstand voltage U_{imp}	kV	6
Rated frequency	Hz	50/60
Thermal trip adjustment range		2,5...4
Rated current (I_n)	A	4
Magnetic tripping		12 x I_n

Operational short-circuit current breaking capacity (I_{cs}) at AC

230V	kA	100
400V	kA	100
500V	kA	100
690V	kA	100

Maximum short-circuit current breaking capacity (I_{cu}) at AC

230V	kA	100
400V	kA	100
500V	kA	100
690V	kA	100

Operations

Mechanical life	Cycles	100,000
Electrical life	Cycles	100,000

Mechanical features

Tightening torque for terminals

min	Nm	2
max	Nm	2
min	lbft	16
max	lbft	16

max number of wires simultaneously connectable

nr.	2
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Conductor section

AWG

min	14
max	8

Flexible w/o lug conductor section

min	mm ²	1
max	mm ²	4

Flexible c/w lug conductor section

min	mm ²	1
max	mm ²	4

Flexible with insulated spade lug conductor section

	min	mm ²	1
	max	mm ²	4
Screwdriver			PZ2
Power terminal protection according to IEC/EN 60529			IP20
Cable stripping length	main circuit	mm	1

Ambient conditions

Temperature	Operating temperature	min	°C	-20
		max	°C	70
	Storage temperature	min	°C	-50
		max	°C	80
	Compensation temperature	min	°C	-5
		max	°C	40
Max altitude			m	3,000

Operating position	normal allowable	su piano verticale Qualsiasi
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Mounting	A vite / profilato omega 35mm
Weight	g 266

UL technical data

UL508 / UL60947-4-1 Manual Motor Controller - Short circuit current

Dimensions

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 6 classification