



**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		0,16...0,25
Rated current ( $I_n$ )	A	-
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	

Conductor section

AWG	min		14
	max		8
Flexible w/o lug conductor section	min	mm <sup>2</sup>	1
	max	mm <sup>2</sup>	4
Flexible c/w lug conductor section	min	mm <sup>2</sup>	1
	max	mm <sup>2</sup>	4
Flexible with insulated spade lug conductor section			

	min	mm <sup>2</sup>	1
	max	mm <sup>2</sup>	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
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Operating position

normal allowable	su piano verticale Qualsiasi
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Mounting

A vite / profilato  
omega 35mm

Weight

g	193
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**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**