



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		4...6,5
Rated current (I_n)	A	7
Magnetic tripping		12 x I_n
Operational short-circuit current breaking capacity (I_{cs}) at AC		
	230V	kA 5
	400V	kA 2
	500V	kA 2
	690V	kA 2
Maximum short-circuit current breaking capacity (I_{cu}) at AC		
	230V	kA 6
	400V	kA 5
	500V	kA 2
	690V	kA 2

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 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
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Operating position

normal allowable	su piano verticale Qualsiasi
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Mounting

A vite / profilato
omega 35mm

Weight

g	266
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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