



Motor protection  
circuit breaker  
11LMS25

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 $U_i$ IEC/EN	V	690
Rated impulse withstand voltage $U_{imp}$	kV	6
Rated frequency	Hz	50/60
Thermal trip adjustment range		1.6...2.5
Rated current ( $I_n$ )	A	3
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

Tripping class 10A

IEC Utilization category A

### Operations

Mechanical life	cycles	100000
Electrical life	cycles	100000

### Mechanical features

Tightening torque for terminals

min	Nm	1.8
max	Nm	1.8
min	lbin	16
max	lbin	16

Max number of wires simultaneously connectable

Nr. 2

Conductor section

AWG/Kcmil

min	14
max	8

Flexible w/o lug conductor section

min	mm <sup>2</sup>	0.75
max	mm <sup>2</sup>	4

Flexible c/w lug conductor section

min	mm <sup>2</sup>	0.75
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		max	mm²	4
Flexible with insulated spade lug conductor section		min	mm²	0.75
		max	mm²	4
Screwdriver			PZ2	
Power terminal protection according to IEC/EN 60529			IP20	
Cable stripping lenght		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	-50
		max	°C	+40
Max altitude			m	3000
Operating position		normal allowable		Vertical plan Any
Fixing			Screw / DIN rail 35mm	
Weight			g	193
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 classification				
ETIM 8.0			EC000074 - Motor protection circuit-breaker	