



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		10...16
Rated current (I_n)	A	16
Magnetic tripping		12 x I_n

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

230V	kA	100
400V	kA	100
500V	kA	3
690V	kA	3

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

230V	kA	100
400V	kA	100
500V	kA	3
690V	kA	3

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 ²	0.75
max	mm ²	4

Flexible c/w lug conductor section

min	mm ²	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	266
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	