1 Manual motor starter LMS25 up to 25A

11 LMS 25...

Order code	Thermal trip adjustment range	Short circuit breaking capacity (IEC) at 400V Icu	Ics	Qty per pkg	Wt
	[A]	[kA]	[kA]	n°	[kg]
IEC breaking capacity Icu at 400V: 100kA (0.1-6.3A) / 6kA (6.3-10A) / 4kA (10-25A).					
11 LMS25 016T	0.1 - 0.16	100	100	5	0.193
11 LMS25 025T	0.16 - 0.25	100	100	5	0.193
11 LMS25 04T	0.25 - 0.4	100	100	5	0.193
11 LMS25 063T	0.4 - 0.63	100	100	5	0.193
11 LMS25 1T	0.63 - 1	100	100	5	0.193
11 LMS25 1V6T	1 - 1.6	100	100	5	0.193
11 LMS25 2V5T	1.6 - 2.5	100	100	5	0.266
11 LMS25 4T	2.5 - 4	100	100	5	0.266
11 LMS25 6V3T	4 - 6.3	100	100	5	0.266
11 LMS25 10T	6.3 - 10	6	3	5	0.266
11 LMS25 16T	10 - 16	4	2	5	0.266
11 LMS25 20T	16 - 20	4	2	5	0.266
11 LMS25 25T	20 - 25	4	2	5	0.266

General characteristics
The LMS25 manual motor starter is particularly suitable for controlling small operating machines.
Releases and auxiliary contacts make it also suitable for more complex uses.
The LMS25 manual motor starter is suitable for isolation according to IEC/EN 60947 standards.
Wall and flush-mount enclosures allow to install the LMS25 starter in the most disparate environmental conditions (dust, humidity, aggressive environmental agents, etc.).

Operational characteristics
- IEC rated insulation voltage Ui: 690V
- IEC rated impulse withstand voltage: 6kV
- IEC rated frequency: 50/60Hz
- Maximum rated current: 25A
- 13 adjustment ranges 0.1 to 25A
- IEC breaking capacity: see table on page 1-17
- Power dissipation: 2-15W
- Magnetic tripping: 12In max
- IEC thermal tripping class: 10
- Phase failure / Single phase sensitive
- Mechanical life: 100,000 cycles
- Electrical life 25A (IEC AC3): 100,000 cycles
- Mounting on 35mm DIN rail (IEC/EN 60715) or screw fixing
- Mounting position: Any
- IEC utilisation category: A
- IEC degree of protection: IP20.

Certifications and compliance
Certifications obtained: EAC; UL Listed for USA and Canada (cULus - File E155982). See UL/CSA details under NOTE below bottom table.
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, UL508, CSA C22.2 n° 14.

NOTE: When more than one breaker are mounted, side by side, without leaving space between each to consent free air circulation on the breaker sides, and have simultaneous operation, the thermal trip adjuster must be positioned at a value 15% greater than the rated motor current.

Maximum UL/CSA horsepower rating

Type	Thermal adjustment range ❶	1 Phase [HP] ❷		3 Phase [HP]				FLA max at 600V
	[A]	120V	230V	200-208V	230V	480V	600V	[A]
LMS25 016T	0.1-0.16	-	-	-	-	-	-	0.16
LMS25 025T	0.16-0.25	-	-	-	-	-	-	0.25
LMS25 04T	0.25-0.4	-	-	-	-	-	-	0.4
LMS25 063T	0.4-0.63	-	-	-	-	-	-	0.63
LMS25 1T	0.63-1	-	-	-	-	-	1/2	1
LMS25 1V6T	1-1.6	-	-	-	-	3/4	3/4	1.6
LMS25 2V5T	1.6-2.5	-	1/6	1/2	1/2	1	1 1/2	2.5
LMS25 4T	2.5-4	1/8	1/4	3/4	1	2	3	4
LMS25 6V3T	4-6.3	1/4	1/2	1 1/2	1 1/2	3	5	6.3
LMS25 10T	6.3-10	1/2	1	2	3	5	7 1/2	10
LMS25 16T	10-16	1	2	3	5	10	10	16
LMS25 20T	16-20	1 1/2	3	5	5	10	15	20
LMS25 25T	20-25	2	3	5	7 1/2	15	20	25

NOTE:
UL Listed in USA and Canada as manual motor controller. Fuses only 30A suitable for use on a circuit capable of delivering not more than 5000rms symmetrical amperes, 600VAC. Trip current is 125%.

❶ The appropriate thermal trip range of the controller should be selected on the basis of the motor nameplate full-load current since the horsepower ratings given are for indication and reference purposes only.
❷ Single-phase horsepower ratings are based on wiring the three poles in series; see wiring scheme on page 1-15.