


Application	Multifunction motor and machine protection	
		
Device type	Controllers	
For network/bus	Modbus	CANopen
Current range	0.4...100 A (with internal current transformer) 100...810 A (with external current transformer)	
Control voltage	$\overline{\sim}$ 24 V \sim 100...240 V	
Number of I/O	6 inputs 4 outputs	
Measurements	<ul style="list-style-type: none"> - Current between phases - Earth fault - Motor temperature 	
Protection and monitoring functions	<ul style="list-style-type: none"> - Thermal overload - Motor temperature monitoring - Phase imbalance and phase failure - Locked rotor - Long starting times - Phase reversal - Earth fault 	
Type reference	LTM R●●M●●	LTM R●●C●●
Pages	24656/14	



Controllers

DeviceNet

Profibus DP

0.4...100 A (with internal current transformer)
100...810 A (with external current transformer)

24 V
100...240 V

6 inputs
4 outputs

- Current between phases
- Earth fault
- Motor temperature

- Thermal overload
- Motor temperature monitoring
- Phase imbalance and phase failure
- Locked rotor
- Long starting times
- Phase reversal
- Earth fault

LTM R●●D●●

LTM R●●P●●

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(1) Input control voltage. The electronics are powered via the controller.

Input extension modules, for all LTM R controllers

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24 V (1)

100...240 V (1)

2 independent inputs

Voltage between phases

Voltage monitoring
Power monitoring
Cos φ monitoring

LTM EV40BD

LTM EV40FM

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