Product data sheet

Specifications

Extension module, TeSys T, 4 inputs, 100 to 240VAC, for LTMR controller

LTMEV40FM

Product availability: Stock - Normally stocked in distribution facility

Price*: 300.00 USD

Main

Range	TeSys
Product Name	TeSys T
Device Short Name	LTME
Product Or Component Type	Extension module
Device Application	Equipment monitoring and control
Range Compatibility	TeSys TeSys T LTMR motor controller
Supply	Via the controller

Complementary

[Ui] Rated Insulation Voltage	690 V EN/IEC 60947-1 690 V CSA C22.2 No 14 690 V UL 508
[Uimp] Rated Impulse Withstand Voltage	4 kV supply, inputs and outputs EN/IEC 60947-4-1 6 kV current or voltage measurement circuit EN/IEC 60947-4-1
Logic Input Number	4
Input Current	3.1 mA 100 V 7.5 mA 240 V
Current State 0 Guaranteed	Logic input 0...40 V 2...15 mA 25 ms
Current State 1 Guaranteed	Logic input 79...264 V <= 15 mA 25 ms
Maximum Output Switching Frequency	2 Hz
Maximum Operating Rate	1800 cyc/h
Contacts Type And Composition	Without
Metering Type	Imbalance voltage Active power P, P1, P2, P3 Calculated active and reactive energy (+/- W.h, +/- VAR.h) Voltage U21, U32, U13, V1, V2, V3 Reactive power Q, Q1, Q2, Q3 Frequency Power factor
Measurement Accuracy	1 % voltage 100...830 V) 3 % power factor 5 % active and reactive power
Overvoltage Category	III
Connection Pitch	0.20 in (5.08 mm)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Connections - Terminals	Control circuit connector 1 0.00…0.00 in² (0.25…2.5 mm²) AWG 24...AWG 14)flexible with cable end Control circuit connector 1 0.00…0.00 in² (0.2…2.5 mm²) AWG 24...AWG 14)flexible without cable end Control circuit connector 1 0.00…0.00 in² (0.25…2.5 mm²) AWG 24...AWG 14)flexible without cable end Control circuit connector 1 0.00…0.00 in² (0.2…2.5 mm²) AWG 24...AWG 14)solid without cable end Control circuit connector 2 0.00…0.00 in² (0.2…1 mm²) AWG 24...AWG 14)flexible with cable end Control circuit connector 2 0.00…0.00 in² (0.2…1.5 mm²) AWG 24...AWG 14)flexible without cable end Control circuit connector 2 0.00…0.00 in² (0.5…1.5 mm²) AWG 24...AWG 14)flexible without cable end Control circuit connector 2 0.00…0.00 in² (0.2…1 mm²) AWG 24...AWG 14)solid without cable end
Tightening Torque	Control circuit 4.43…5.31 lbf.in (0.5…0.6 N.m) flat 0.12 in (3 mm)
Pollution Degree	3
Electromagnetic Compatibility	Electrostatic discharge, 3, 8 kV air, 6 kV contact, conforming to EN/IEC 61000-4-2 Fast transients immunity test (other circuits), level 3, 2 kV, conforming to EN/IEC 61000-4-4 Fast transients immunity test (on supply and relay outputs), level 4, 4 kV, conforming to EN/IEC 61000-4-4 Conducted RF disturbances, 10 V, conforming to EN/IEC 61000-4-6 Control circuit: surges (serial mode), 1 kV, conforming to EN/IEC 61000-4-5 Communication: surges (common mode), 2 kV, conforming to EN/IEC 61000-4-5 Voltage inputs: surges (serial mode), 2 kV, conforming to EN/IEC 61000-4-5 Voltage inputs: surges (common mode), 4 kV, conforming to EN/IEC 61000-4-5 Control circuit: surges (common mode), 2 kV, conforming to EN/IEC 61000-4-5
Width	1.77 in (45 mm)
Height	2.40 in (61 mm)
Depth	4.75 in (120.7 mm)
Net Weight	0.46 lb(US) (0.21 kg)
Compatibility Code	LTME

Environment

Standards	CSA C22.2 No 14 IACS E10 IEC 60947-4-1 UL 508 EN 60947-4-1
Product Certifications	LROS (Lloyds register of shipping) ATEX NOM EAC RMRoS GL UL DNV BV RINA KERI C-tick CSA CCC ABS
Ip Degree Of Protection	IP20
Protective Treatment	12 x 24 hour cycles EN/IEC 60068-2-30 48 h EN/IEC 60070-2-11 TH EN/IEC 60068
Fire Resistance	1202 °F (650 °C) EN/IEC 60695-2-12 1760 °F (960 °C) UL 94
Ambient Air Temperature For Operation	-4…140 °F (-20…60 °C)

Ambient Air Temperature For Storage	-40…176 °F (-40…80 °C)
Operating Altitude	<= 6561.68 ft (2000 m) without derating
Mechanical Robustness	Shocks half sine wave acceleration15 Gn for 11 ms EN/IEC 60068-2-27 Vibrations mounted on symmetrical rail1 Gn, 5...300 Hz EN/IEC 60068-2-6 Vibrations plate mounted4 Gn, 5...300 Hz EN/IEC 60068-2-6

Ordering and shipping details

Category	US10I1222338
Discount Schedule	0I12
Gtin	3389119404938
Returnability	Yes
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.17 in (5.5 cm)
Package 1 Width	2.83 in (7.2 cm)
Package 1 Length	5.35 in (13.6 cm)
Package 1 Weight	7.05 oz (200 g)
Unit Type Of Package 2	S02
Number Of Units In Package 2	20
Package 2 Height	5.91 in (15 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	9.67 lb(US) (4.385 kg)

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency

RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	
Halogen Free Plastic Parts Product	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information