

Product datasheet

Specifications



Motor Management. TeSys T. motor controller. extension module. 4 inputs. for LTMR controller. 24 VDC

LTMEV40BD

Price: 4,762.43 ZAR

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 conforming to EN/IEC 60947-1 690 V conforming to CSA C22.2 No 14 690 V conforming to UL 508
[Uimp] Rated Impulse Withstand Voltage	6 kV current or voltage measurement circuit conforming to EN/IEC 60947-4-1 0.8 kV supply, inputs and outputs conforming to EN/IEC 60947-4-1
Logic Input Number	4
Input Current	7 mA
Current State 0 Guaranteed	Logic input: < 5 V and <= 15 mA for 5 ms
Current State 1 Guaranteed	Logic input: < 15 V and 2...15 mA for 15 ms
Maximum Output Switching Frequency	2 Hz
Maximum Operating Rate	1800 cyc/h
Contacts Type And Composition	Without
Metering Type	Voltage U21, U32, U13, V1, V2, V3 Imbalance voltage Frequency Calculated active and reactive energy (+/- W.h, +/- VAR.h) Reactive power Q, Q1, Q2, Q3 Power factor Active power P, P1, P2, P3
Measurement Accuracy	1 % voltage (100...830 V) 3 % power factor 5 % active and reactive power
Overvoltage Category	III
Connection Pitch	5.08 mm

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Connections - Terminals	Control circuit: connector 1 cable(s) 0.25...2.5 mm ² (AWG 24...AWG 14) flexible with cable end Control circuit: connector 1 cable(s) 0.2...2.5 mm ² (AWG 24...AWG 14) flexible without cable end Control circuit: connector 1 cable(s) 0.25...2.5 mm ² (AWG 24...AWG 14) flexible without cable end Control circuit: connector 1 cable(s) 0.2...2.5 mm ² (AWG 24...AWG 14) solid without cable end Control circuit: connector 2 cable(s) 0.2...1 mm ² (AWG 24...AWG 14) flexible with cable end Control circuit: connector 2 cable(s) 0.2...1.5 mm ² (AWG 24...AWG 14) flexible without cable end Control circuit: connector 2 cable(s) 0.5...1.5 mm ² (AWG 24...AWG 14) flexible without cable end Control circuit: connector 2 cable(s) 0.2...1 mm ² (AWG 24...AWG 14) solid without cable end
Tightening Torque	Control circuit: 0.5...0.6 N.m flat screwdriver 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 (common mode), 1 kV, conforming to EN/IEC 61000-4-5 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
Width	45 mm
Height	61 mm
Depth	120.7 mm
Net Weight	0.21 kg
Compatibility Code	LTME

Environment

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

Ambient Air Temperature For Storage	-40...80 °C
Operating Altitude	<= 2000 m without derating
Mechanical Robustness	Shocks half sine wave acceleration: 15 Gn for 11 ms conforming to EN/IEC 60068-2-27 Vibrations mounted on symmetrical rail: 1 Gn, 5...300 Hz conforming to EN/IEC 60068-2-6 Vibrations plate mounted: 4 Gn, 5...300 Hz conforming to EN/IEC 60068-2-6

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.5 cm
Package 1 Width	7.2 cm
Package 1 Length	13.5 cm
Package 1 Weight	195.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	20
Package 2 Height	15.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	4.251 kg

Contractual warranty

Warranty	18 months
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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-CO₂ 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](#)