Product datasheet

Specifications



Discontinued

Motor Management, TeSys T, extension module, 4 inputs, for LTMR controller, 100 to 240 VAC

Local distributor code:

389822967 LTMEV40FM

Discontinued on: 9 Jul 2026

EAN Code: 3389119404938

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	4 kV supply, inputs and outputs conforming to EN/IEC 60947-4-1 6 kV current or voltage measurement circuit conforming to EN/IEC 60947-4-1
Logic input number	4
Input current	3.1 mA at 100 V 7.5 mA at 240 V
Current state 0 guaranteed	Logic input: 0...40 V and 2...15 mA for 25 ms
Current state 1 guaranteed	Logic input: 79...264 V and <= 15 mA for 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	5.08 mm

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 cable(s) 0.25…2.5 mm² (24 AWG...14 AWG) flexible with cable end Control circuit: connector 1 cable(s) 0.2…2.5 mm² (24 AWG...14 AWG) flexible without cable end Control circuit: connector 1 cable(s) 0.25…2.5 mm² (24 AWG...14 AWG) flexible without cable end Control circuit: connector 1 cable(s) 0.2…2.5 mm² (24 AWG...14 AWG) solid without cable end Control circuit: connector 2 cable(s) 0.2…1 mm² (24 AWG...14 AWG) flexible with cable end Control circuit: connector 2 cable(s) 0.2…1.5 mm² (24 AWG...14 AWG) flexible without cable end Control circuit: connector 2 cable(s) 0.5…1.5 mm² (24 AWG...14 AWG) flexible without cable end Control circuit: connector 2 cable(s) 0.2…1 mm² (24 AWG...14 AWG) 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 (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	45 mm
Height	61 mm
Depth	120.7 mm
Net weight	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 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	5.500 cm
Package 1 Width	7.200 cm
Package 1 Length	13.600 cm
Package 1 Weight	202.000 g
Unit Type of Package 2	S02
Number of Units in Package 2	20
Package 2 Height	15.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.385 kg

Logistical informations

Country of origin	CN

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	Fc01c523-9a07-4dfa-988f-c721d4816782
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
Halogen-free status	Halogen free plastic parts product
PVC free	Yes

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins