

Product availability: Stock - Normally stocked in distribution facility



### 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 T LTMR motor controller
Supply	Via the controller

### Complementary

[Ui] rated insulation voltage	690 V conforming to CSA C22.2 No 14 690 V conforming to EN/IEC 60947-1 690 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
Operating rate	1800 cyc/h
Contacts type and composition	Without
Metering type	Frequency Active power P, P1, P2, P3 Power factor Imbalance voltage Reactive power Q, Q1, Q2, Q3 Voltage U21, U32, U13, V1, V2, V3 Calculated active and reactive energy (+/- W.h, +/- VAR.h)
Measurement accuracy	3 % power factor (cos $\phi$ > 0.6) 1 % voltage (100...830 V) 5 % active and reactive power
Overvoltage category	III
Connection pitch	0.2 in (5.08 mm)
Connections - terminals	Connector, 1 flexible cable with cable end 0...0 in <sup>2</sup> (0.25...2.5 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 1 flexible cable without cable end 0...0 in <sup>2</sup> (0.2...2.5 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 1 flexible cable without cable end 0...0 in <sup>2</sup> (0.25...2.5 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 1 solid cable without cable end 0...0 in <sup>2</sup> (0.2...2.5 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 2 flexible cable with cable end 0...0 in <sup>2</sup> (0.2...1 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 2 flexible cable without cable end 0...0 in <sup>2</sup> (0.2...1.5 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 2 flexible cable without cable end 0...0 in <sup>2</sup> (0.5...1.5 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit Connector, 2 solid cable without cable end 0...0 in <sup>2</sup> (0.2...1 mm <sup>2</sup> ) /AWG 24...AWG 14 control circuit
Tightening torque	4.42...5.31 lbf.in (0.5...0.6 N.m), 0.12 in (3 mm) flat screwdriver control circuit
Pollution degree	3

Electromagnetic compatibility	<ul style="list-style-type: none"> <li>• electrostatic discharge 3 (8 kV air, 6 kV contact), conforming to EN/IEC 61000-4-2</li> <li>• fast transients immunity test other circuits level 3 (2 kV), conforming to EN/IEC 61000-4-4</li> <li>• fast transients immunity test on supply and relay outputs level 4 (4 kV), conforming to EN/IEC 61000-4-4</li> <li>• conducted RF disturbances (10 V), conforming to EN/IEC 61000-4-6</li> <li>• surges common mode (1 kV) control circuit, conforming to EN/IEC 61000-4-5</li> <li>• surges serial mode (1 kV) control circuit, conforming to EN/IEC 61000-4-5</li> <li>• surges common mode (2 kV) communication, conforming to EN/IEC 61000-4-5</li> <li>• surges serial mode (2 kV) voltage inputs, conforming to EN/IEC 61000-4-5</li> <li>• surges common mode (4 kV) voltage inputs, conforming to EN/IEC 61000-4-5</li> </ul>
Width	1.77 in (45 mm)
Height	2.4 in (61 mm)
Depth	4.75 in (120.7 mm)
Product weight	0.46 lb(US) (0.21 kg)
Compatibility code	LTME

## Environment

Standards	UL 508 EN 60947-4-1 IEC 60947-4-1 CSA C22.2 No 14 IACS E10
Product certifications	RINA GL KERI BV NOM CSA ABS ATEX C-Tick LROS (Lloyds register of shipping) UL EAC DNV RMRoS 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	1202 °F (650 °C) conforming to EN/IEC 60695-2-12 1760 °F (960 °C) conforming to 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	<ul style="list-style-type: none"> <li>• shocks half sine wave acceleration (15 Gn for 11 ms) conforming to EN/IEC 60068-2-27</li> <li>• vibrations mounted on symmetrical rail (1 Gn, 5...300 Hz) conforming to EN/IEC 60068-2-6</li> <li>• vibrations plate mounted (4 Gn, 5...300 Hz) conforming to EN/IEC 60068-2-6</li> </ul>

## Ordering and shipping details

Category	22338 - SOLID STATE OVERLOAD RELAYS
Discount Schedule	I12
GTIN	00785901502395
Nbr. of units in pkg.	1
Package weight(Lbs)	0.44
Returnability	Y
Country of origin	CN

## Contractual warranty

Warranty period	18 months
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