



Main

Range of product	TeSys T
Device short name	LTME
Product or component type	Extension module
Supply	Via the controller
Control circuit voltage	100...240 V AC
Input current	7.5 mA at 240 V 3.1 mA at 100 V

Complementary

Logic input number	4
Connection pitch	5.08 mm
Connections - terminals	<p>Connector, 2 solid cable without cable end 0.2...1 mm² /AWG 24...14 for control circuit</p> <p>Connector, 2 flexible cable without cable end 0.5...1.5 mm² /AWG 24...14 for control circuit</p> <p>Connector, 2 flexible cable without cable end 0.2...1.5 mm² /AWG 24...14 for control circuit</p> <p>Connector, 2 flexible cable with cable end 0.2...1 mm² /AWG 24...14 for control circuit</p> <p>Connector, 1 solid cable without cable end 0.2...2.5 mm² /AWG 24...14 for control circuit</p> <p>Connector, 1 flexible cable without cable end 0.25...2.5 mm² /AWG 24...14 for control circuit</p> <p>Connector, 1 flexible cable without cable end 0.2...2.5 mm² /AWG 24...14 for control circuit</p> <p>Connector, 1 flexible cable with cable end 0.25...2.5 mm² /AWG 24...14 for control circuit</p>
Tightening torque	0.5...0.6 N.m, 3 mm flat screwdriver for control circuit
[Ui] rated insulation voltage	690 V, category III (degree of pollution: 3) CSA C22.2 No 14 certified conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV for current or voltage measurement circuit conforming to EN/IEC 60947-4-1 4 kV for supply, inputs and outputs conforming to EN/IEC 60947-4-1
Short-circuit withstand	100 kA conforming to EN/IEC 60947-4-1
Input/Output type	Logic input: 79...264 V and \geq 2 A for 25 ms (at state 1) Logic input: 0...40 V and \leq 15 A for 25 ms (at state 0)
Width	45 mm
Height	61 mm
Depth	120.7 mm
Product weight	0.21 kg

Environment

Standards	EN 60947-4-1 IACS E10 IEC 60947-4-1 UL 508 CSA C22.2 No 14
Product certifications	ABS ATEX BV CCC CSA C-Tick DNV GL GOST KERI LROS (Lloyds register of shipping) NOM RINA RMRoS UL
Protective treatment	TH conforming to EN/IEC 60068 48 h conforming to EN/IEC 60070-2-11 12 x 24 hour cycles conforming to EN/IEC 60068-2-30
Ambient air temperature for operation	-40...80 °C (storage) -20...60 °C (operation)
Fire resistance	960 °C conforming to UL 94 650 °C conforming to EN/IEC 60695-2-12
Shock resistance	15 gn (half sine wave, 11 ms) conforming to EN/IEC 60068-2-27
Vibration resistance	4 gn (f = 5...300 Hz) plate mounted conforming to EN/IEC 60068-2-6 1 gn (f = 5...300 Hz) mounted on symmetrical rail conforming to EN/IEC 60068-2-6
Resistance to electrostatic discharge	8 kV, level 3 (in open air) conforming to EN/IEC 61000-4-2 6 kV, level 3 (on contact) conforming to EN/IEC 61000-4-2
Resistance to radiated fields	10 V/m, level 3 conforming to EN/IEC 61000-4-3
Resistance to fast transients	4 kV, level 4 (on supply and relay outputs) conforming to EN/IEC 61000-4-4 2 kV, level 3 (other circuits) conforming to EN/IEC 61000-4-4
Immunity to radioelectric fields	10 V, level 3 conforming to EN/IEC 61000-4-6
Non-dissipating shock wave	4 kV (common mode) for voltage inputs conforming to EN/IEC 61000-4-5 2 kV (serial mode) for voltage inputs conforming to EN/IEC 61000-4-5 2 kV (common mode) for control circuit conforming to EN/IEC 61000-4-5 2 kV (common mode) for communication conforming to EN/IEC 61000-4-5 1 kV (serial mode) for control circuit conforming to EN/IEC 61000-4-5
Contractual warranty	
Period	18 months