

## Product data sheet

### Characteristics

## LULC09

DeviceNet communication module, TeSys U,  
24V DC supply



### Main

Range	TeSys
Device short name	LUL
Product or component type	Communication module
Product compatibility	LUCB LUCM LUCA LUCD LUCL LUCC
Device application	Communication
Range compatibility	TeSys U LUB non reversing power base TeSys U LU2B reversing power base

### Complementary

Main function available	Communication module
Mounting mode	Plug-in
Mounting location	Front side
Physical interface	Open style connector
Bus type	DeviceNet
Communication port protocol	CAN2.0A CAN2.B
Addressing	0...63
Current consumption	1.5 mA at 24 V DC 20...28 V
Logic input	Positive at 24 V DC - 7 mA
Response time	10 ms +/- 30 % change to state 0 10 ms +/- 30 % change to state 1
Input type	Resistive
Number of outputs	2 dedicated to starter-controller coil operation 1
[Us] rated supply voltage	24 V DC
Number output current	<= 500 mA
Protection type	GL fuse 2 A
Switching current capacity	0.5 mA at 24 V
Local signalling	3 LEDs front panel
Connection pitch	5 Mm open style DeviceNet 3.81 mm
Connections - terminals	Screw clamp terminals 1 cable(s) 0.14...1 mm <sup>2</sup> flexible without cable end Screw clamp terminals 1 cable(s) 0.14...1 mm <sup>2</sup> rigid without cable end Screw clamp terminals 1 cable(s) 0.25...0.5 mm <sup>2</sup> flexible with cable end Screw clamp terminals 1 cable(s) 0.25...1 mm <sup>2</sup> flexible with cable end Screw clamp terminals 2 cable(s) 0.14...0.5 mm <sup>2</sup> rigid without cable end Screw clamp terminals 2 cable(s) 0.14...0.75 mm <sup>2</sup> flexible without cable end Screw clamp terminals 2 cable(s) 0.25...0.34 mm <sup>2</sup> flexible with cable end BUS 1 cable(s) 0.2...2.5 mm <sup>2</sup> flexible without cable end BUS 1 cable(s) 0.2...2.5 mm <sup>2</sup> rigid without cable end BUS 1 cable(s) 0.25...2.5 mm <sup>2</sup> flexible with cable end BUS 2 cable(s) 0.14...0.5 mm <sup>2</sup> rigid without cable end BUS 2 cable(s) 0.25...1 mm <sup>2</sup> flexible with cable end BUS 2 cable(s) 0.5...1.5 mm <sup>2</sup> flexible with cable end BUS 2 cable(s) 0.5...1.5 mm <sup>2</sup> flexible without cable end Screw clamp terminals 2 cable(s) 0.75 mm <sup>2</sup> flexible with cable end

Associated cable type	AWG 26...AWG 16 for screw clamp terminals AWG24...AWG16 for BUS
Tightening torque	0.2...0.25 N.M flat Ø 2.5 mm screwdriver 0.5...0.6 N.m flat Ø 3.5 mm screwdriver

## Environment

Standards	IEC 62026-1
Ambient air temperature for operation	-25...55 °C
IP degree of protection	IP20 conforming to IEC 60529

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	110 g
Package 1 Height	4.6 cm
Package 1 width	5 cm
Package 1 Length	11.3 cm
Unit Type of Package 2	S02
Number of Units in Package 2	35
Package 2 Weight	4.16 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

## Offer Sustainability

EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	 <a href="#">Yes</a>
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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