



### Main

Commercial Status	Commercialised
Device short name	LUL
Range of product	TeSys U
Product or component type	Communication module
Product compatibility	LUCA LUCB LUCC LUCD LUCL LUCM

### Complementary

Main function available	Communication module
Mounting mode	Plug-in
Mounting location	Front side
Physical interface	9-way SUB-D female
Bus type	CANopen
Communication port protocol	CAN2.0A CAN2.B
Addressing	1...127
Current consumption	1.5 mA at 24 V DC 20...28 V
Input logic	Positive at 24 V DC - 7 mA
Response time	10 ms +/- 30 % change to state 1 10 ms +/- 30 % change to state 0
Input type	Resistive
Number of outputs	2 dedicated to starter-controller coil operation 1
Output supply	24 V DC network
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	3.81 mm
Connections - terminals	Screw clamp terminals 2 cable 0.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.25...0.34 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.14...0.75 mm <sup>2</sup> - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 0.14...0.5 mm <sup>2</sup> - cable stiffness: rigid - without cable end Screw clamp terminals 1 cable 0.25...1 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.25...0.5 mm <sup>2</sup> - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.14...1 mm <sup>2</sup> - cable stiffness: rigid - without cable end Screw clamp terminals 1 cable 0.14...1 mm <sup>2</sup> - cable stiffness: flexible - without cable end
Associated cable type	AWG 26...AWG 16
Tightening torque	0.2...0.25 N.m - with screwdriver 2.5 mm

## Environment

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Standards	CIADS-301 V4.02 DR 303-2
Ambient air temperature for operation	-25...55 °C

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