

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	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
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 5 mm open style DeviceNet

Connections - terminals	<p>Screw clamp terminals 2 cable 0.75 mm² - cable stiffness: flexible - with cable end</p> <p>Screw clamp terminals 2 cable 0.25...0.34 mm² - cable stiffness: flexible - with cable end</p> <p>Screw clamp terminals 2 cable 0.14...0.75 mm² - cable stiffness: flexible - without cable end</p> <p>Screw clamp terminals 2 cable 0.14...0.5 mm² - cable stiffness: rigid - without cable end</p> <p>Screw clamp terminals 1 cable 0.25...1 mm² - cable stiffness: flexible - with cable end</p> <p>Screw clamp terminals 1 cable 0.25...0.5 mm² - cable stiffness: flexible - with cable end</p> <p>Screw clamp terminals 1 cable 0.14...1 mm² - cable stiffness: rigid - without cable end</p> <p>Screw clamp terminals 1 cable 0.14...1 mm² - cable stiffness: flexible - without cable end</p> <p>BUS 2 cable 0.5...1.5 mm² - cable stiffness: flexible - without cable end</p> <p>BUS 2 cable 0.5...1.5 mm² - cable stiffness: flexible - with cable end</p> <p>BUS 2 cable 0.25...1 mm² - cable stiffness: flexible - with cable end</p> <p>BUS 2 cable 0.14...0.5 mm² - cable stiffness: rigid - without cable end</p> <p>BUS 1 cable 0.25...2.5 mm² - cable stiffness: flexible - with cable end</p> <p>BUS 1 cable 0.2...2.5 mm² - cable stiffness: rigid - without cable end</p> <p>BUS 1 cable 0.2...2.5 mm² - cable stiffness: flexible - without cable end</p>
Associated cable type	<p>AWG24...AWG16 for BUS</p> <p>AWG 26...AWG 16 for screw clamp terminals</p>
Tightening torque	<p>0.5...0.6 N.m flat Ø 3.5 mm</p> <p>0.2...0.25 N.m flat Ø 2.5 mm</p>

Environment

Standards	IEC 62026-1
Ambient air temperature for operation	-25...55 °C