



Main

Range of product	TeSys U
Device short name	LUF
Product or component type	Function module
Product compatibility	LUCB LUCC LUCD LUCM

Complementary

Mounting mode	Plug-in
Mounting location	Front side
Main function available	Indication of motor load
[Us] rated supply voltage	24 V DC
Analogue output current	4.2 mA
Type of output signal	Value of I average/I _r ratio within the range of 0 to 2 for LUCB and LUCD Value of I average/I _r ratio within the range of 0 to 3 for LUCC
Load impedance ohmic	<= 500 Ohm 100 Ohm typical
Measurement accuracy	+/- 10 % with multifunction control unit - resolution: 1 % of I _r +/- 6 % with advanced control unit
Connection pitch	3.81 mm
Connections - terminals	Screw clamp terminals 1 cable 0.14...1 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 0.14...1 mm ² - cable stiffness: rigid - without cable end Screw clamp terminals 1 cable 0.25...0.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.25...1 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.14...0.5 mm ² - cable stiffness: rigid - without cable end Screw clamp terminals 2 cable 0.14...0.75 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 2 cable 0.25...0.34 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.5 mm ² - cable stiffness: flexible - with cable end
Associated cable type	AWG 26...AWG 16
Tightening torque	0.2...0.25 N.m - with screwdriver 2.5 mm flat
Product weight	0.05 kg

Environment

RoHS EUR status	Compliant
RoHS EUR conformity date	0941