

LUFV2

TeSys U - LUF function block indication of motor load
4...20 mA



Main

Range	TeSys
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
Function available	Indication of motor load
[Us] rated supply voltage	24 V DC
Analogue output current	4...20 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 2 cable 0.5 mm ² - cable stiffness: flexible - with cable end 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
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