

Main

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

Complementary

Mounting mode	Plug-in
Mounting location	Front side
Main function available	Thermal overload signalling and manual reset
Auxiliary contact composition	1 NO + 1 NC
Fault signalling	LED front panel
[Us] rated supply voltage	24...240 V DC 24...240 V AC
Current consumption	1.1 mA at 240 V AC 7 mA at 24 V DC
Discrete output characteristics	1 NO + 1 NC (DC-13) at 24 V - power: 50 W - electrical service life: 100000 cycles 1 NO + 1 NC (AC-15) at 230 V - power: 400 VA - electrical service life: 100000 cycles
[Ith] conventional free air thermal current	2 A at ≤ 70 °C
Short circuit protection	2 A fuse gG conforming to IEC 60947-5-1
Input type	Remote reset - cable cross section: ≥ 0.2 mm ² - length: 500 m - relative impedance: 50 Ohm 52.8 mH - cable capacitance: 0.093 nF
Connection pitch	5.08 mm
Connections - terminals	Screw clamp terminals 2 cable 0.5...1 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.25...1 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 2 cable 0.2...1 mm ² - cable stiffness: rigid - without cable end Screw clamp terminals 2 cable 0.2...1 mm ² - cable stiffness: flexible - without cable end Screw clamp terminals 1 cable 0.25...1.5 mm ² - cable stiffness: flexible - with cable end Screw clamp terminals 1 cable 0.2...1.5 mm ² - cable stiffness: rigid - without cable end Screw clamp terminals 1 cable 0.2...1.5 mm ² - cable stiffness: flexible - without cable end
Associated cable type	AWG24...AWG16
Tightening torque	0.5...0.6 N.m - with screwdriver 3.5 mm flat
Product weight	0.06 kg