hager TYFS122 USB Data Interface Instructions

USB data interface

TYFS122

TP	RF	230V~	Bus 30 V	

⚠ **Version 5 or higher**

6LE007510B / 82400201
User instructions

Contents

Function

The USB data interfaces allow a PC or another USB-port-equipped device, to get in connection with the KNX Bus. Hereafter, some application software examples needing access to the KNX Bus: ETS software, visualization software, etc.
Preferably install the TYFS122 in your installation's VDI box. Should the installation not include a VDI box, make sure you observe the strong/weak current separation.

⚠ The device must only be installed by a qualified electrician according to the installation standards applicable in the country.
Conform to TBTS installation rules.

Technical characteristics

• Supply voltage:	5 VDC USB port
• Dimensions:	2x 17,5 mm
• Protection class:	IP 20
• Operating temperature:	-5 °C ⇒ + 45 °C
• Storage temperature:	-25 °C ⇒ + 70 °C
• USB-connection:	PC: USB – A TYFS122: USB – B
• Max. length USB cable:	5m
• Transmission protocols:	USB 2.0
• Extended frame management:	233 bytes
• KNX configuration mode and media:	KNX Data Secure TP + S-mode

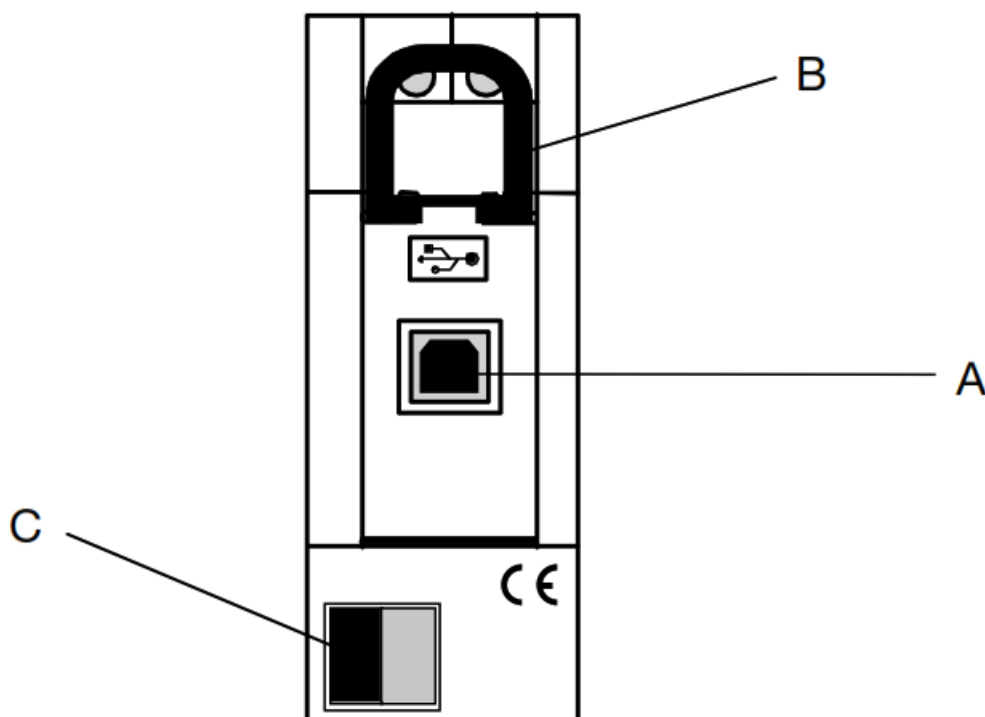Correct Disposal of this product
(Waste Electrical & Electronic Equipment).

(Applicable in the European Union and other European countries with separate collection systems).
This marking shown on the waste or its literature indicates that it should not be disposed of with other households' waste at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this product from other types of waste and recycle it responsibly to promote the sustainable reuse of material resources.
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this device for environmentally safe recycling.
Business users should contact their suppliers and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes of disposal.

Usable in all of Europe CE **and in Switzerland**

A: USB connector (Typ B)
B: USB cable locker
C: KNX bus connection
Name and content of hazardous substances in products:

Part name	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent Chromium (Cr6)	Polybrominated Biphenyls (PBB)	Polybrominated Diphenyl ethers (PBDE)
Electronic Board	X	0	0	0	0	0

This table is prepared in accordance with the provisions of SJ / T 11364
0: indicates that said hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement of GB / T 26572.
X: indicates that said hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement of GB / T 26572.

The Regulatory Compliance Mark (RCM) is a trademark owned by the electrical regulator (Regulatory Authorities (RAs)) and the Australian Communications Media Authority (ACMA).

China RoHS logo. Equipment containing certain substances that are forbidden under the China RoHS directive, but which can be used with complete safety during the environmental protection use period. This period is indicated by the number in the logo, expressed in years.

Documents / Resources

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TYFS122, USB Data Interface, Data Interface, TYFS122, Interface

References

- :h **Hager worldwide**