elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100



eloProg 485 EPT bus transfer modules

Decentralised positioning of the eloProg I/O modules is achieved through the bus transfer modules.

The 485 EPT1 module is for use at the beginning and end of the connection; and type 485 EPT2 is for the middle.
This means up to six eloProg module stations with a maximum bus length of 250 m can be implemented. This makes it the perfect solution for large machinery and systems with a reduced wiring effort and expense.

Technical specifications

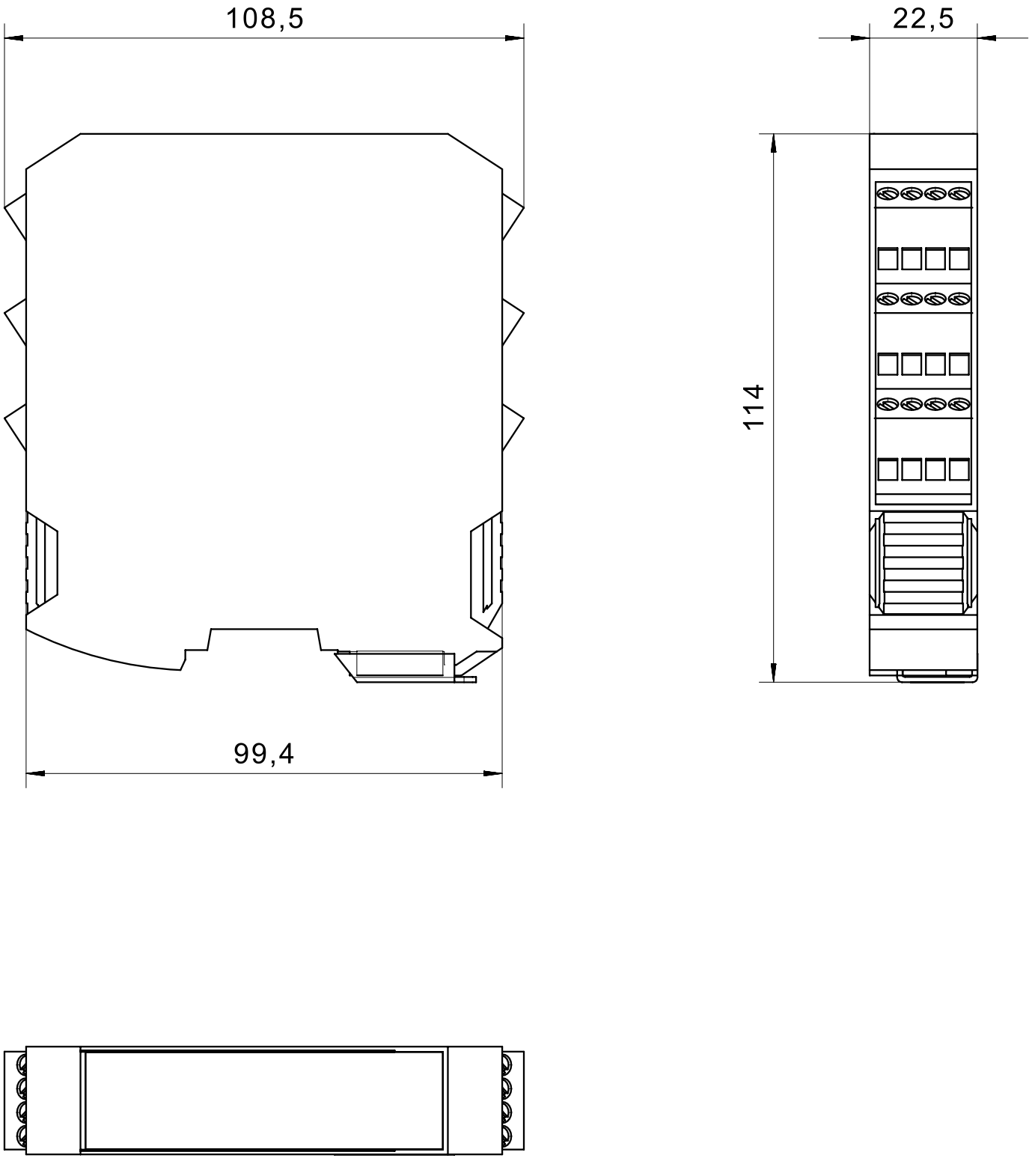
- Simple connection of the bus transfer modules with screw terminals
- Minimal wiring effort and expense thanks to bus connection
- Bus cable length up to 250 m
- Up to six module stations
- us transfer modules are not considered expansion modules (in regards to the max. number of connected modules)
- Pre-assembled T-connector (proprietary 5-way bus) for connection to the base module and other expansion modules simplifies wiring and saves space in the switch cabinet

elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

Technical drawing

IMAGE 1/1



elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

Product options

IMAGE 1/1

ORDERING KEY

485EP	T		Bus transfer module
		1	Beginning/end of chain
		2	Middle of chain

elobau GmbH & Co. KG
Zeppelinstr. 44
88299 Leutkirch, Germany

Tel.: +49 (0) 7561 970-0
Fax: +49 (0) 7561 970-100

Article characteristics

Attribute	485EPT1	485EPT2
Max. number of bus transfer modules	6	
Operating voltage min.	19.2 V DC	
Operating voltage max.	28.8 V DC	
Power consumption	3 W	
LED display	two-coloured	
Number of connection channels	1	2
Module type	Anfang-/Ende-Modul	Mitten-Modul
Dimensions	108 x 22,5 x 114,5 mm (H/B/T)	
Housing material	PA	
Housing colour	Gehäuse schwarz Frontplatte gelb	
Protection class, housing	IP20 DIN EN 60529	
Operating temperature min.	-10 °C	
Max. operating temperature	55 °C	
Min. storage temperature	-20 °C	
Max. storage temperature	85 °C	
Relative humidity	10...95 %	
Mounting type	Mounting rail	
Weight	150 g	
Torque for connection terminals	0.6 N m	
Connection to base module	proprietary 5-way bus (T-connector)	
Max. length of the connection cables	50 m	
Screw terminals	yes	
Pluggable connection terminals	yes	
Min. connection cross section	0.5 mm²	
Max. connection cross section	2.5 mm²	
Fieldbus module connection	- am ersten Bustransfermodul - am Basismodul	
Connection from connection line to bus transfer module	Anschlussklemme	
Certified in accordance with	EN ISO 13849-1 IEC 61508 IEC 62061 UL 508 / CSA 22.2	