

EDK84AYCIB
13403664



L-force *Communication*

Montageanleitung

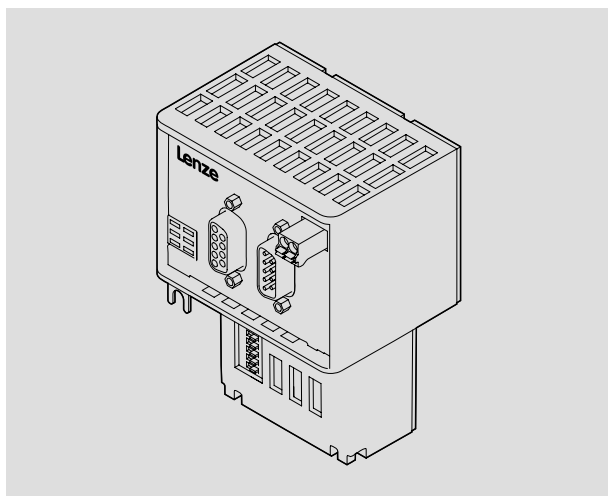
Mounting Instructions

Instructions de montage

Instrucciones para el montaje

Istruzioni per il montaggio

INTERBUS



E84AYCIB

Kommunikationsmodul

Communication module

Module de communication

Módulo de comunicación

Modulo di comunicazione

Lenze



Lesen Sie zuerst diese Anleitung und die Dokumentationen auf der im Lieferumfang des Grundgerätes enthaltenen CD-ROM, bevor Sie mit den Arbeiten beginnen! Beachten Sie die enthaltenen Sicherheitshinweise.



Please read these instructions and the documentation on the CD-ROM supplied together with the basic device before you start working!
Observe the safety instructions given therein.



Avant de commencer les opérations, lisez tout d'abord le présent manuel d'utilisation ainsi que la documentation présente sur le cédérom comprise dans la livraison de l'appareil de base !
Respectez les consignes de sécurité indiquées.



Antes de empezar con los trabajos, lea detenidamente estas instrucciones y la documentación que se encuentra en el CD-ROM suministrado junto con el equipo básico.
Observe las instrucciones de seguridad correspondientes.



Prima di utilizzare l'apparecchiatura, leggere le istruzioni contenute nel presente manuale e la documentazione sul CD-ROM fornito in dotazione con il modulo asse.
Osservare le note di sicurezza.



Stop!

Das Kommunikationsmodul enthält elektronische Bauteile, die durch elektrostatische Entladung beschädigt oder zerstört werden können.

Treffen Sie vor dem Berühren des Moduls geeignete Maßnahmen zum Schutz der Bauteile.



Stop!

The communication module contains electronic components that may be damaged or destroyed through electrostatic discharge.

Take appropriate measures to protect the components before touching the communication module.



Stop!

Le module de communication contient des composants électroniques qui peuvent être endommagés ou détruits par les décharges électrostatiques.

Avant d'entrer en contact avec le module, prenez les mesures appropriées pour assurer la protection des composants.



¡Alto!

El módulo de comunicación contiene piezas electrónicas que pueden resultar dañadas o destruidas por descargas electroestáticas.

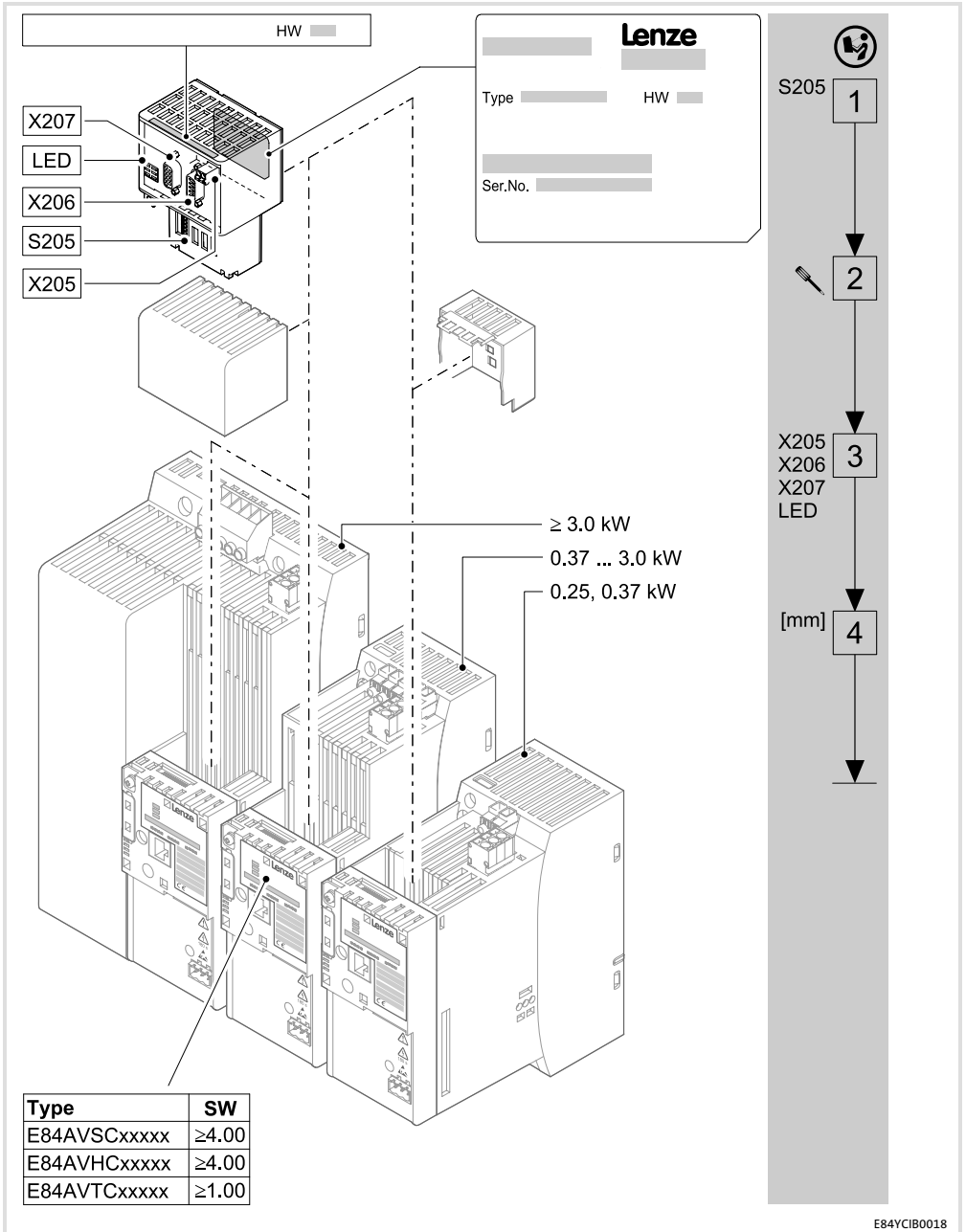
Antes de entrar en contacto con el módulo, tome las medidas necesarias para proteger las piezas.

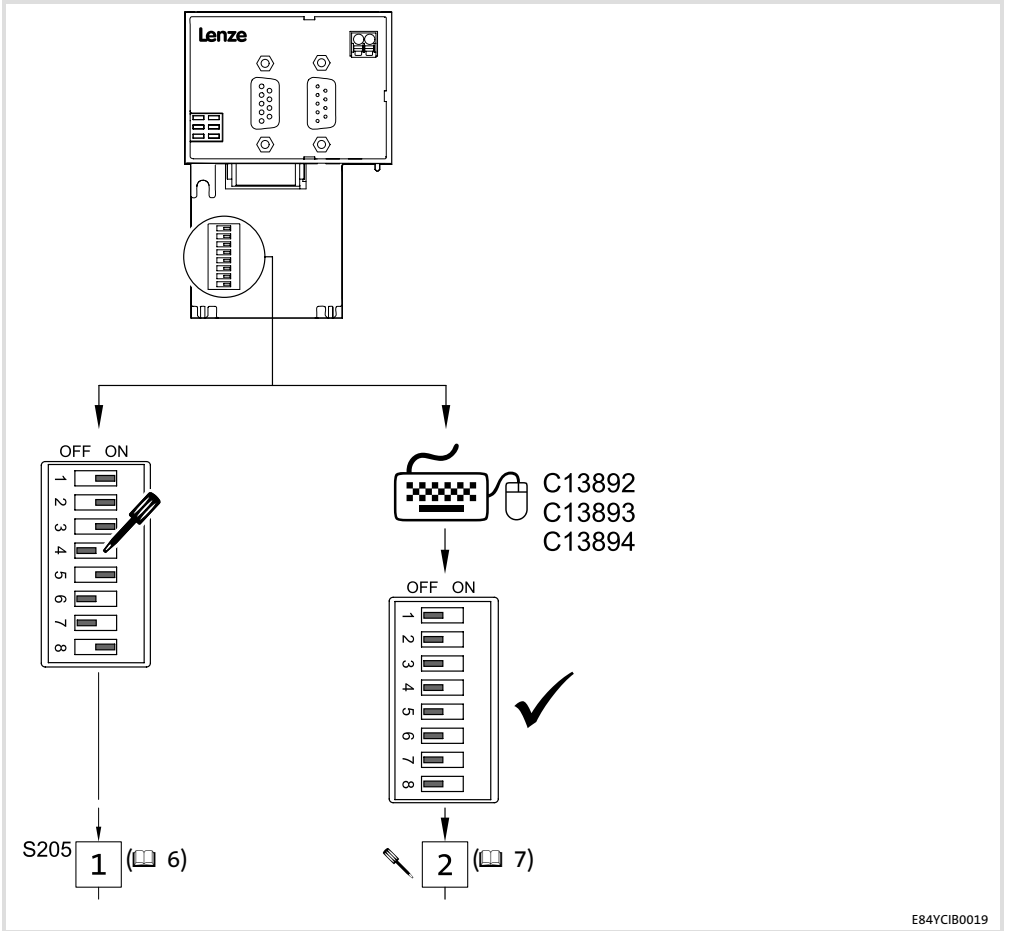


Stop!

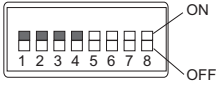
Il modulo di comunicazione contiene componenti elettronici che possono essere danneggiati o distrutti da scariche elettrostatiche.

Prima di toccare il modulo, si raccomanda di prendere tutte le misure necessarie per proteggere i componenti.

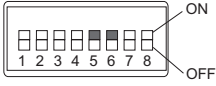




Process data (PD)	S205			
	S1	S2	S3	S4
0	OFF	OFF	OFF	OFF
1	OFF	OFF	OFF	ON
2	OFF	OFF	ON	OFF
3	OFF	OFF	ON	ON
4	OFF	ON	OFF	OFF
5	OFF	ON	OFF	ON
6	OFF	ON	ON	OFF
7	OFF	ON	ON	ON
8	ON	OFF	OFF	OFF
9	ON	OFF	OFF	ON
10	ON	OFF	ON	OFF



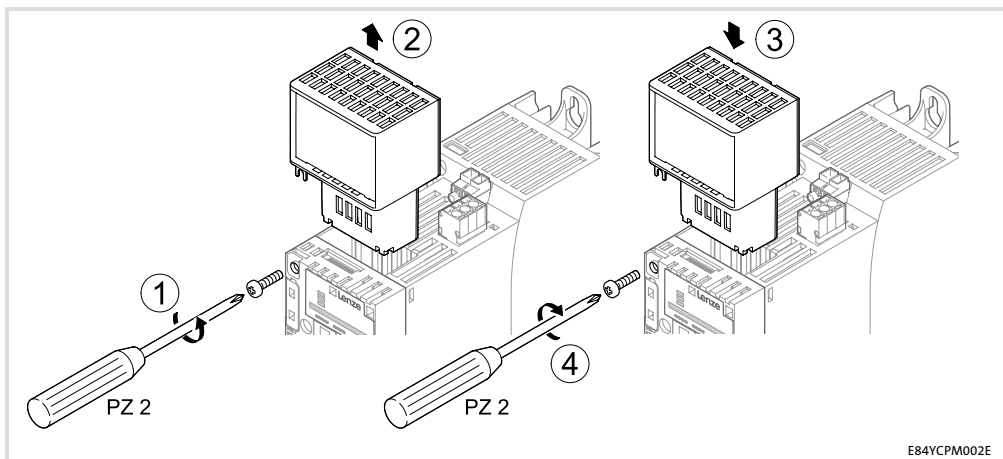
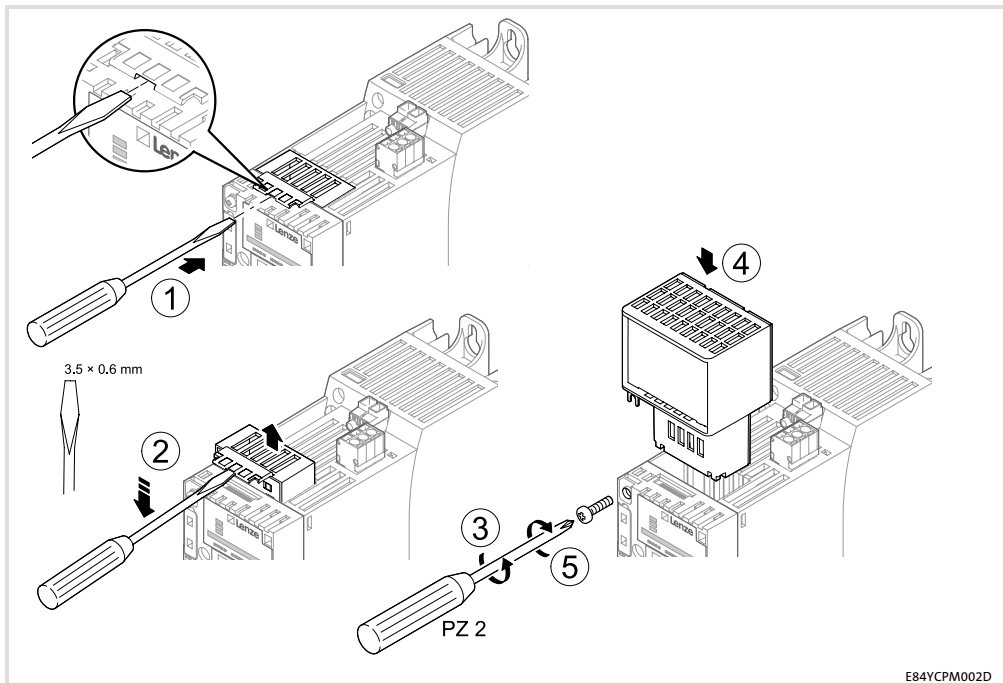
Peripherals Communication Protocol (PCP)	ID-Code	S205	
		S5	S6
0	0x03	OFF	OFF
1	0xE3	OFF	ON
2	0xE0	ON	OFF
4	0xE1	ON	ON

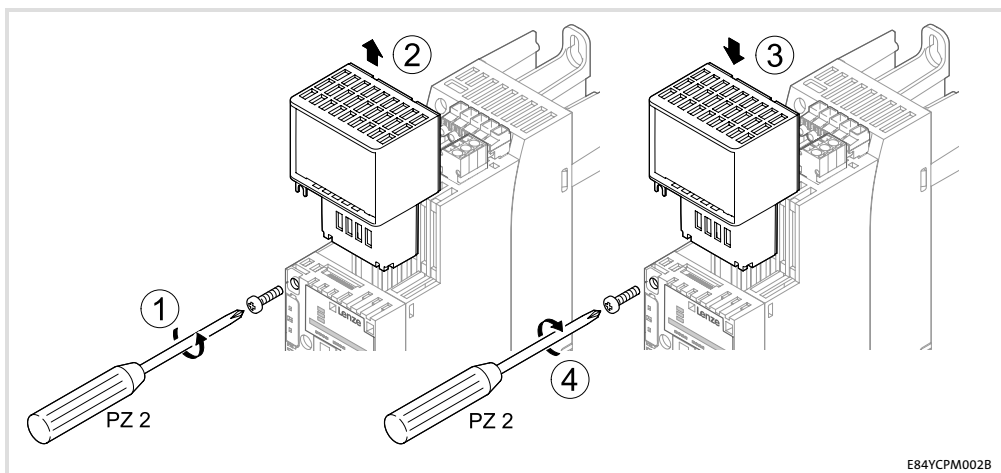
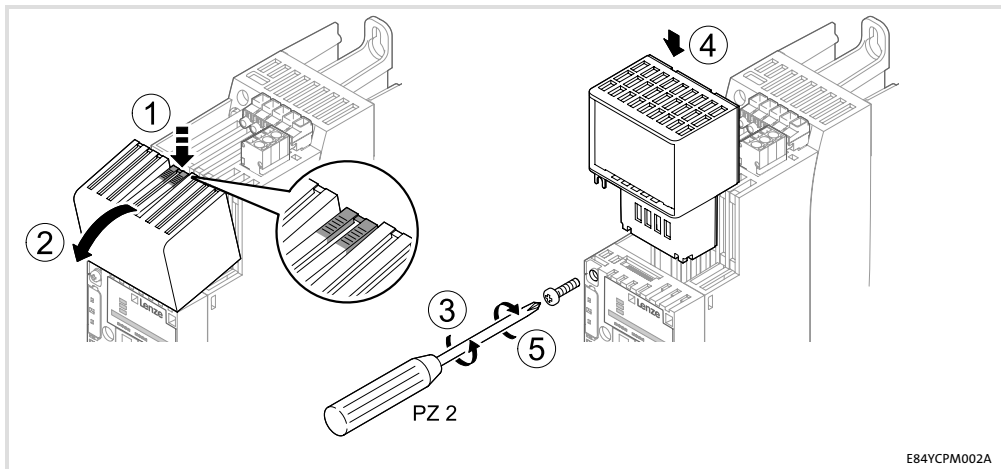


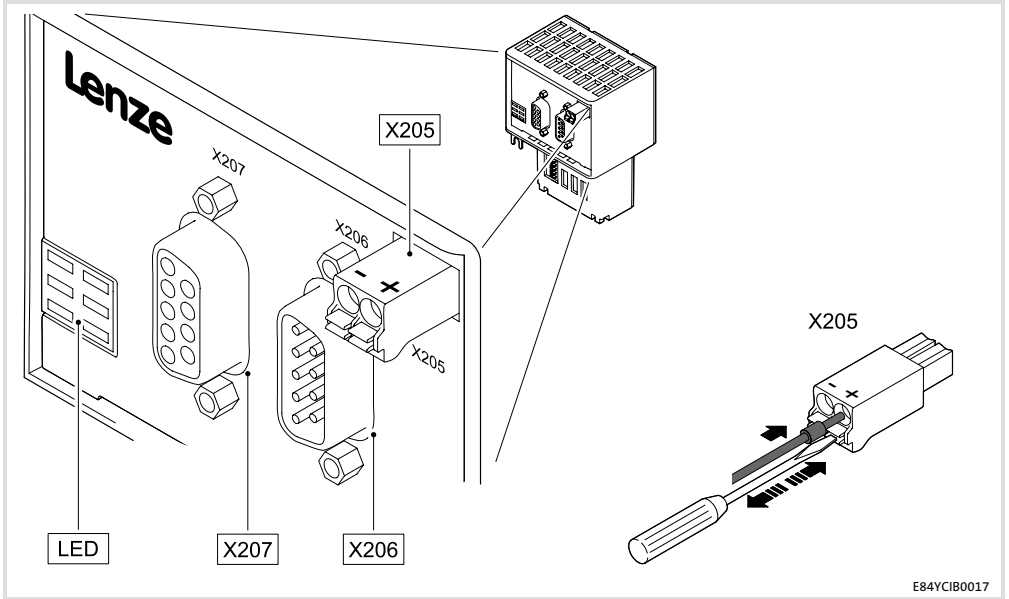
Baud rate	S205	
	S8	
500 kbit/s	OFF	
2 Mbit/s	ON	




- ▶ PD + PCP = 1 ... 10
- ▶ S205/S7: No function







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X205

Terminal	Signal
+	DC 24 V (21.6 V - 0 % ... 26.4 V + 0 %) I = 180 mA
-	Ground

X205

Rigid

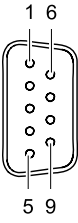
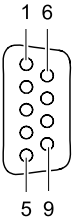


10 mm 0.2 ... 1.5 mm² (AWG 24 ... 16)

Flexible



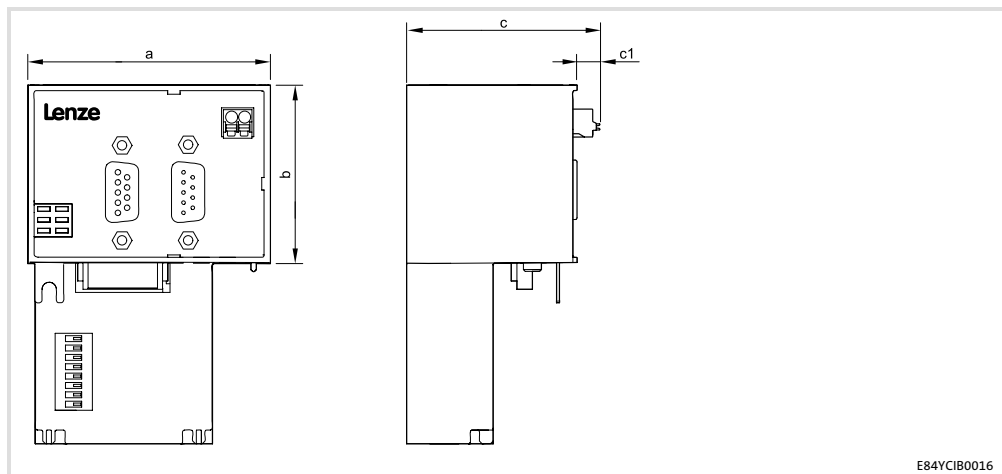
0.2 ... 1.5 mm² (AWG 24 ... 16)

X206 IN	Pin	Signal	X207 OUT	Pin	Signal
	1	RS485: DO1 not inverted (input)		1	RS485: DO2 not inverted (output)
	2	RS485: DI1 not inverted (output)		2	RS485: DI2 not inverted (input)
	3	Ground		3	
	4	n. c.		4	Ground
	5	DC 5 V (output)		5	DC 5 V (output)
	6	RS485: DO1 inverted (input)		6	RS485: DO2 inverted (output)
	7	RS485: DI1 inverted (output)		7	RS485: DI2 inverted (input)
	8	DC 5 V (output)		8	DC 5 V (output)
	9	n. c.		9	RBST (signalling input)

Cable

Type	3 x 2 (twisted in pairs, with common shielding)
Rigid	> 0.2 mm ²
Specific resistance	< 96 Ω/km
Characteristic impedance	<ul style="list-style-type: none"> • 120 Ω ± 20 % (f = 64 kHz) • 100 Ω ± 15 Ω (f > 1 MHz)
Effective capacitance	< 60 nF/km (f = 800 Hz)
Example	PHOENIX CONTACT: IBS RBC METER-T, order no. 28 06 28 6

Baud rate	Cable length between the single INTERBUS nodes
500 kbit/s	max. 400 m
2 Mbit/s	max. 150 m



	a [mm]	b [mm]	c [mm]	c1 [mm]
E84AYCIB	67	50	57	8



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10 9 8 7 6 5 4 3 2 1