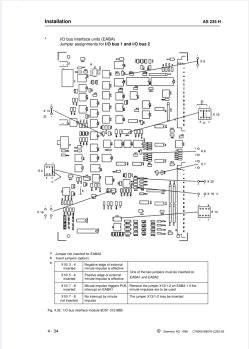
FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6DS1312-8BB

EABA I/O bus interface module



PRODUCT	6DS1312-8BB
FAMILY	TELEPERM M AS 235 H
FUNCTION	EABA I/O bus interface module
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Module designation	EABA, I/O bus interface
Supported station	AS 235 H
Front-panel switch	OUTPUT ON / OUTPUT OFF
Output-disable action	Suppresses I/O write commands
Previously written output states	Retained when output is disabled
Disabled-output ready signal	RDY generated to prevent timeout

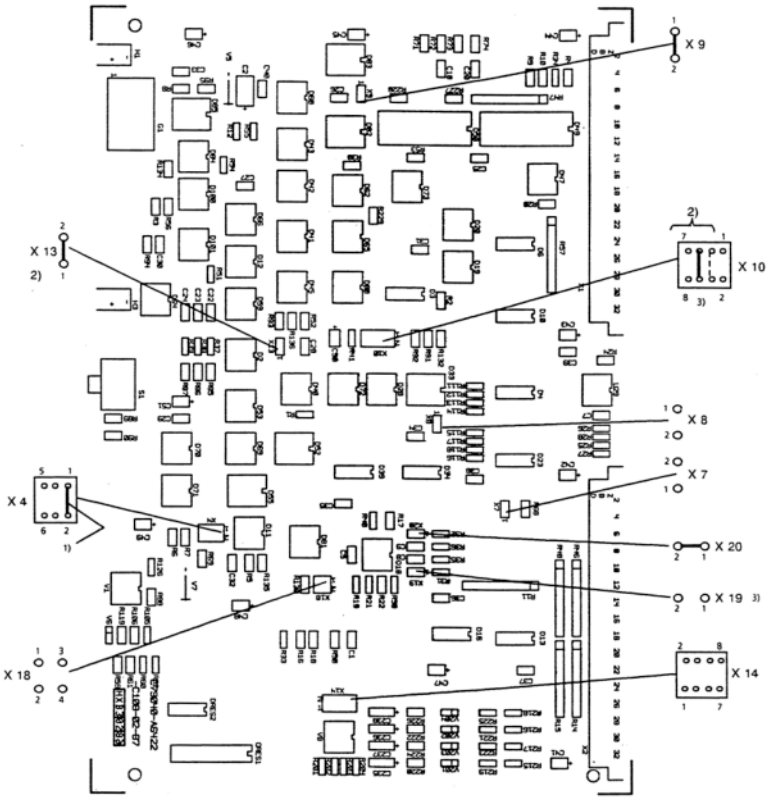
02 PREPARATION AND CONNECTION

- Record whether the AS 235 H board is assigned as EABA1 or EABA2.
- Preserve the station bus connections and photograph all original jumpers.
- Select the minute-pulse edge using the documented X10 jumper pair.
- Remove X13/1-2 on EABA1 when external minute pulses are used.

03

OFFICIAL INSTALLATION REFERENCE

- I/O bus interface units (EABA)
  Jumper assignments for **I/O bus 1 and I/O bus 2**



1) Jumper not inserted for EABA2
2) Insert jumpers (option)
3)

X10/ 3 - 4 inserted	Negative edge of external minute impulse is effective	One of the two jumpers must be inserted on EABA1 and EABA2
X10/ 5 - 6 inserted	Positive edge of external minute impulse is effective	
X10/ 7 - 8 inserted	Minute impulse triggers PU6 interrupt on EABA1	Remove the jumper X13/1-2 on EABA 1 if the minute impulses are to be used
X10/ 7 - 8 not inserted	No interrupt by minute impulse	The jumper X13/1-2 may be inserted

Fig. 4.32 I/O bus interface module 6DS1 312-8BB

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04 COMMISSIONING CHECKS

01	Confirm the complete 6DS1312-8BB EABA board identity.
02	Verify the assigned EABA1 or EABA2 rack position.
03	Check the selected positive or negative minute-pulse edge.
04	Verify X10/7-8 against the intended PU6 interrupt selection.
05	Check bus-ready status and the system-alarm indicator.
06	Validate OUTPUT switch behavior; OFF can freeze previous outputs.

05 CONTROLLED DOCUMENT

Official source	Siemens AS 235 H Manual C79000-B8076-C293-05, EABA, pp. 3-27, 4-34.
Product record	6DS1312-8BB
Manufacturer	Siemens
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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