AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

UFB009AE01

Optical / RS485 Interface

TYPE	REFERENCE	FAMILY	SCOPE
Optical / RS485 Interface	**HIEE400961R1**	**UF B009**	**Verified physical markings**

ABB UFB009AE01 HIEE400961R1 is an electrical-to-optical communication interface with two RS485 connections and two optical connection sets. The original enclosure diagram identifies the A and B signal paths, allowing the electrical connections to be distinguished from the optical transmit and receive ports.

01 DOCUMENTED PRODUCT REFERENCE

Electrical interface	RS485
Electrical ports	2: X10 / RS485 A; X20 / RS485 B
Optical connection sets	2: OPTO A and OPTO B
Optical receive / transmit	A: X11 / X12; B: X21 / X22

Original manufacturer markings summarized; unverified electrical limits are not supplied.

02 TECHNICAL DATA

Power connector designation	X30: Uin, Gnd and earth marking
Supply selection markings	INT. / EXT.
Diagram power-conversion labels	+24 V / +5 V
Status indicator	ON LED

03 APPLICATION AND CONFIGURATION

- UFB009AE01 and HIEE400961R1 identification
- X10 / X20 electrical and OPTO A / B connections
- Recorded INT. / EXT. selection and power wiring
- Exact optical and serial settings from the installation record
- Use the applicable manufacturer safety and installation instructions.

04 SOURCE AND IDENTIFICATION

Original ABB enclosure label and connection diagram

Exact-model original product photograph: ABB HIEE400961R1 / UF B009 AE01 label and enclosure schematic. Marking-based reference only; an original manufacturer manual was not available.

Independently prepared Amikon reference summary, not an original manufacturer manual. Ratings apply only under their documented conditions. Confirm the supplied marking and approved configuration before selection, installation or replacement.

AMIKON PRODUCT SUPPORT

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