AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

PFEA113-65

IP65 Web Tension Electronics

TYPE	REFERENCE	FAMILY	SCOPE
IP65 Web Tension Electronics	**3BSE050092R65**	**PFEA113**	**IP65 variant**

ABB PFEA113-65 is the enclosed IP65 version of the PFEA113 web tension electronics. It connects compatible load cells to configurable analog outputs and PROFIBUS DP, providing tension information for the documented measurement arrangement through a local display and external interfaces.

01 DOCUMENTED PRODUCT REFERENCE

Enclosure protection	IP65
DC supply voltage	24 V DC; operating range 18-36 V
AC mains voltage	100 (-15%) to 240 (+10%) V AC; IP65
Load cell capacity	4 load cells
Load cell excitation	0.5 A RMS at 330 Hz
Maximum cable resistance	10 ohm with four load cells
Digital input channels	1
Analog input channels	2

Manufacturer data summarized for the identified model and stated conditions.

02 TECHNICAL DATA

Analog output channels	6; independently configurable
Digital output channels	4; status and/or level detection
Output step response (0-90%)	5, 15, 30, 75, 250, 750, 1500 ms
Fieldbus interface	PROFIBUS DP
Display format	2 lines x 16 characters
Selectable display units	N, kN, kg, lbs, N/m, kN/m, kg/m, pli
Diagnostic indicator	Green/red Status OK LED

03 APPLICATION AND CONFIGURATION

- Complete PFEA113-65 and article marking
- IP65 enclosure and supply arrangement
- Load cell connections and output settings
- PROFIBUS configuration and functional checks
- Use the applicable manufacturer safety and installation instructions.

04 OFFICIAL DOCUMENTATION

ABB PFEA11x product data; PFEA113 technical reference

ABB PFEA11x product data, PFEA113 column, reviewed 11 November 2026. Read with PFEA113 manual 3BSE029382R0101 Rev D. Conflicting power/frequency values are not included.

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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