

TU 709F

Freelance hardware selector



The TU 709F/710F terminal block serves as a base for the PROFIBUS communication interface CI 741F. The terminal block is rated for 24 V I/O signals. The following terminals are connected with each other inside the terminal block:

- Terminals 2.8 and 3.8: supply voltage UP = +24 V DC
- Terminals 2.9 to 4.9: reference potential ZP = 0 V for UP and UP3

General info

Article number	3BDH000397R0001
Signal specification	PROFIBUS
Mechanics	S700
Design	Screw type terminals

Detailed data

Load current	10 A
Common mode voltage input	24 VDC
Supported wire size	0.08 ... 2.5 mm ²

Environment and certification

CE mark	Yes
Electrical safety	EN 50178, IEC 61131-2, UL 61010-1, UL 61010-2-201
Hazardous Location	cULus Class 1 Div 2
Protection rating	IP20
RoHS compliance	Directive 2011/65/EU
WEEE compliance	DIRECTIVE/2012/19/EU

Dimensions

Width	68 mm
Depth	30 mm
Height	135 mm
Weight	0.19 kg

—
solutions.abb/freelance
solutions.abb/controlsystems

—
We reserve the right to make technical changes to the products or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not assume any responsibility for any errors or incomplete information in this document.

We reserve all rights to this document and the items and images it contains. The reproduction, disclosure to third parties or the use of the content of this document – including parts thereof – are prohibited without ABB's prior written permission.

Copyright© 2025 ABB All rights reserved