DATA SHEET

# CI 910F
## Freelance hardware selector

Interface module for communication to Freelance rack-based I/O modules via CAN bus. Three CAN Bus channels. Freelance CAN Bus protocol. D-Sub terminals (9-pole). Software version 2016 or higher is mandatory. Use with AC 900F controllers.

## Features and benefits

- Three CAN Bus channels
- ABB CAN Bus protocol
- Connection of Freelance Rack I/O

| **General info** | |
|---|---|
| Article number | 3BDH001005R0001 |
| Communication protocol | Three CAN Bus channels. ABB CAN Bus protocol.<br>D-Sub terminals (9-pole).<br>Software version 2016 or higher is mandatory.<br>White housing. Requires one coupler bus slot on the CPU module. |
| Life cycle status | Active |
| Transmission speed | max. 1 MBit/s |
| Line redundancy | No |
| Hot Swap | Yes |

| **Detailed data** | |
|---|---|
| Connector | D-Sub terminal, 9-pole |
| 24 V consumption typ. | 90 mA, via 24 V terminal of CPU module |
| Power dissipation | 1.9 W |

| Environment and certification | |
|---|---|
| Temperature, Operating | -20°C ... +70°C |
| Temperature, Storage | -40 ... + 85°C |
| Altitude | < 2000 m |
| Corrosion protection | G3 compliant acc. ISA 71.04 |
| Relative humidity | max. 95%, non-condensing |
| Protection class | IP20 |
| Emission & Immunity | EN 61000-6-4, EN 61000-6-2 |
| CE- marking | yes |
| Electrical Safety | IEC/EN 61010-1, IEC/EN 61010-2-201 |
| Hazardous location | cULus Class 1 Div 2 |
| RoHS compliance | Directive 2011/65/EU, (EU) 2015/863 |
| WEEE compliance | Directive 2012/19/EU |

| Dimensions | |
|---|---|
| Width | 28 mm |
| Height | 152 mm |
| Depth | 75 mm |
| Weight | 178 g |

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