

# CI 940F

## Freelance hardware selector



High-speed Ethernet communication interface module for AC 900F. Usable for PROFINET (requires Freelance 2024 or higher) or FOUNDATION FIELDBUS connected via LD 810HSE or LD 800HSE (requires Freelance 2019 SP1 FP1 or higher).

Software version Freelance 2019 SP1 FP1 or higher is mandatory.

### Features and benefits

- High-speed Ethernet communication module
- PROFINET
- FOUNDATION Fieldbus HSE
- RJ-45 plug
- Support hot plug

| General info           |   |
|------------------------|---|
| Article number         | 3BDH001015R0001   |
| Communication protocol | PROFINET / FF-HSE Communication Module                                |
| Life cycle status      | Active  |
| Transmission speed     | 10/100 Mbit/s (full and half duplex), Auto-Negotiation and Auto MDI-X |
| Line redundancy        | Yes   |
| Hot Swap               | Yes   |

| Detailed data         |  |
|-----------------------|--|
| Connector             | RJ-45 plug                             |
| 24 V consumption typ. | 70 mA, via 24 V terminal of CPU module |
| Power dissipation     | 1.8 W                                  |

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**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                |

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**Dimensions**

|        |        |
|--------|--------|
| Width  | 28 mm  |
| Height | 152 mm |
| Depth  | 75 mm  |
| Weight | 145 g  |

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