

# Communications - AC 900F Communication interfaces

## Freelance hardware selector

The AC 900F controller family includes a selection of communications modules that make it possible to access a wide range of field devices and third-party systems. It has slots for assembling Communication Interface Module. The interfaces include:

- Ethernet-based interfaces/protocols
- Serial communications
- Interfaces to ABB equipment
- Communication interfaces to heritage systems



| Specific feature <sup>1</sup>        | CI 773F                                     | CI 910F   | CI 930F                                     | CI 940F   |
|--------------------------------------|---|---|---|---|
| <b>General info</b>                  |   |   |   |   |
| Article number                       | 3BDH000395R0001                             | 3BDH001005R0001   | 3BDH001010R0002                             | 3BDH001015R0001   |
| Communication protocol               | Communication Interface, PROFIBUS DP Master | Three CAN Bus channels. ABB CAN Bus protocol. D-Sub terminals (9-pole). Software version 2016 or higher is mandatory. White housing. Requires one coupler bus slot on the CPU module. | Communication Interface, PROFIBUS DP Master | FF-HSE Communication Module   |
| Life cycle status                    | Active                                      |   |   |   |
| Transmission speed                   | 9.6 kBit/s to 12 MBit/s                     | max. 1 MBit/s   | 9.6 kBit/s to 12 MBit/s                     | 10/100 Mbit/s (full and half duplex), Auto-Negotiation and Auto MDI-X |
| Line redundancy                      | No  |   | Yes   |   |
| Hot Swap                             | Yes   |   |   |   |
| <b>Dimensions</b>                    |   |   |   |   |
| Width                                | 28 mm                                       |   |   |   |
| Height                               | 135 mm                                      | 152 mm  |   |   |
| Depth                                | 75 mm                                       |   | 85 mm                                       | 75 mm   |
| Weight                               | 96 g  | 178 g   | 115 g                                       | 145 g   |
| <b>Environment and certification</b> |   |   |   |   |
| RoHS compliance                      | Directive 2011/65/EU, (EU) 2015/863         |   |   |   |
| WEEE compliance                      | Directive 2012/19/EU                        |   |   |   |

<sup>1</sup> For detailed information on each module, please visit: [freelancehardwareselector.automation.abb.com](https://freelancehardwareselector.automation.abb.com)

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