

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 ¹	CI 773F	CI 910F	CI 930F	CI 940F
General info				
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	PROFINET / 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			
Dimensions				
Width	28 mm			
Height	135 mm	152 mm		
Depth	75 mm		85 mm	75 mm
Weight	96 g	178 g	115 g	145 g
Environment and certification				
RoHS compliance	Directive 2011/65/EU, (EU) 2015/863			
WEEE compliance	Directive 2012/19/EU			

¹ For detailed information on each module, please visit: freelancehardwareselector.automation.abb.com

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