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. D-Sub terminals (9-pole). Software version 2016 or higher is mandatory. 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

ABB