DATA SHEET

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

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	145 g

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