SIEMENS

SIMATIC

ET 200SP
Interface module IM 155-6 MF HF (6ES7155-6MU00-0CN0)

Equipment Manual

Preface

ET 200SP Documentation Guide 1

Product overview 2

PROFINET IO 3

EtherNet/IP 4

Modbus TCP 5

Wiring 6

Parameters 7

Compatibility 8

Operation and maintenance 9

Technical specifications 10

Dimension drawing A

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Technical specifications

10

Technical specifications of the IM 155-6 MF HF

The following table shows the technical specifications as of 01/2022. You will find a data sheet including daily updated technical specifications on the Internet (https://support.industry.siemens.com/cs/de/en/pv/6ES7155-6MU00-0CN0/td?dl=en).

Article number	6ES7155-6MU00-0CN0
General information	
Product type designation	IM 155-6 MF HF
Firmware version	V5.2
• FW update possible	Yes
Vendor identification (VendorID)	002AH
Device identifier (DeviceID)	0313H
Manufacturer ID according to ODVA (VendorID)	04E3H
Device ID according to ODVA (Product code)	0FA2H
Product function	
• I&M data	Yes; I&M0 to I&M3
• Module swapping during operation (hot swapping)	Yes; Multi-hot swapping
• Isochronous mode	No
• Tool changer	Yes; Docking station and docking unit
• Local coupling, IO data	Yes
– Number of coupling modules	6; 1x output + max. 5x input
• Local coupling, data records	No
Engineering with	
• STEP 7 TIA Portal configurable/integrated from version	via IM155-6PN/2 HF in compatibility mode
• STEP 7 configurable/integrated from version	via IM155-6PN/2 HF in compatibility mode
• PROFINET from GSD version/GSD revision	GSDML V2.3
• Multi Fieldbus Configuration Tool (MFCT)	from V1.3
Configuration control	
via dataset	Yes
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes

Article number	6ES7155-6MU00-0CN0
Diagnostics indication LED	
• RUN LED	Yes; green LED
• ERROR LED	Yes; red LED
• MAINT LED	Yes; Yellow LED
• Monitoring of the supply voltage (PWR-LED)	Yes; green PWR LED
• NS LED	Yes; green/red LED
• MS LED	Yes; green/red LED
• IO LED	Yes; red-green-yellow LED
• Connection display LINK TX/RX	Yes; 2x green link LEDs on BusAdapter
Potential separation	
between backplane bus and electronics	No
between PROFINET and all other circuits	Yes
between supply and all other circuits	No
Isolation	
Isolation tested with	707 V DC (type test)
Standards, approvals, certificates	
Network loading class	3
Security level	According to Security Level 1 Test Cases V1.1.1
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	-30 °C; No condensation
• horizontal installation, max.	60 °C
• vertical installation, min.	-30 °C; No condensation
• vertical installation, max.	50 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
connection method / header	
ET-Connection	
• via BU/BA Send	Yes; + 16 ET 200AL modules
Mechanics/material	
Strain relief	Yes; Optional
Dimensions	
Width	50 mm
Height	117 mm
Depth	74 mm
Weights	
Weight, approx.	120 g; without BusAdapter