AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7155-5MU00-0CN0

MultiFieldbus High Feature Interface



SUPPLY	BACKPLANE	PROTOCOLS	PORTS
24 V DC	**16 W infeed**	**PN / EIP / Modbus TCP**	**2 via adapter**

The Siemens 6ES7155-5MU00-0CN0 is an IM 155-5 MF High Feature interface for ET 200MP. It connects distributed I/O through PROFINET IO, EtherNet/IP or Modbus TCP, using a separately selected BusAdapter for the physical network connection.

01 VERIFIED TECHNICAL INFORMATION

Interface designation	IM 155-5 MF HF
Fieldbus protocols	PROFINET IO, EtherNet/IP, Modbus TCP
Supply voltage	24 V DC; permissible range 19.2-28.8 V
Maximum current consumption	1.2 A
Nominal no-load current	0.16 A at 24 V DC
Backplane infeed	16 W
Typical power loss	4.3 W

Manufacturer evidence: Interface module IM 155-5 MF HF (6ES7155-5MU00-0CN0); exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Voltage-failure buffering	10 ms
Station configuration	Up to 12 I/O modules on active backplane subject to power budget; up to 30 downstream modules with documented U-connector/PS arrangement
PROFINET module address area	256 bytes per input/output direction
PROFINET station address area	1440 bytes per input/output direction, with gross/net overhead calculation required
Network ports	Two ports through separately ordered BusAdapter
PROFINET shared device	Maximum 4 IO controllers; mixed-fieldbus mode has separate limits
Redundancy	PROFINET S2, MRP and MRPD supported; R1 not supported
Operating temperature	Horizontal -30 to +60 C; vertical -30 to +40 C

03 SOURCE AND CONFIGURATION CHECKS

Its integrated supply feeds sixteen watts into the backplane, while the permitted station arrangement depends on power budgeting and backplane type. MultiFieldbus engineering supports protocol-specific configuration and data mapping; operation through one supported protocol does not imply identical services under the others.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

Siemens 11/2024; AB source pp. 1-2,13

AMIKON PRODUCT SUPPORT

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