

TECHNICAL DATA SHEET

SIEMENS

6ES7135-6HD00-0BA1

MODULE ET 200SP, AQ 4XU/I ST

PRODUCT PHOTO



General information

Product type designation	AQ 4xU/I ST
Hardware functional status	from FS21
Firmware version	V1.1.3
Firmware update possible	Yes
Usable BaseUnits	BU type A0, A1
Color code for module-specific color-coded label	CC00

Product function

I&M data	Yes; I&M0 to I&M3
Isochronous mode	No
Output range scalable	No
Oversampling	No
MSO	No

Engineering

STEP 7 TIA Portal configurable/integrated from version	V11 SP2 / V13
STEP 7 configurable/integrated from version	V5.5 SP3 / -
PCS 7 configurable/integrated from version	V8.1 SP1
PROFIBUS from GSD version/GSD revision	One GSD file each, Revision 3 and 5 and higher
PROFINET from GSD version/GSD revision	GSDML V2.3

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CiR - Configuration in RUN

Reparameterization possible in RUN	No
Calibration possible in RUN	No

Supply voltage

Rated value (DC)	24 V
Reverse polarity protection	Yes

Input current

Current consumption, max.	150 mA
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Power loss

Power loss, typ.	1.5 W
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Address area

Address space per module, max.	8 byte; + 1 byte for QI information
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Hardware configuration

Automatic encoding	Yes
Mechanical coding element	Yes
Type of mechanical coding element	Type A

Analog outputs

Number of analog outputs	4
Voltage output, short-circuit current, max.	45 mA
Cycle time (all channels), min.	5 ms

Output ranges, voltage

0 to 10 V output range	Yes; 15 bit
1 V to 5 V output range	Yes; 13 bit
-5 V to +5 V output range	Yes; 15 bit including sign
-10 V to +10 V output range	Yes; 16 bit including sign

Output ranges, current

0 to 20 mA output range	Yes; 15 bit
-20 mA to +20 mA output range	Yes; 16 bit including sign
4 mA to 20 mA output range	Yes; 14 bit

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Connection of actuators

For voltage output, two-wire connection	Yes
For voltage output, four-wire connection	Yes
For current output, two-wire connection	Yes

Load impedance (in rated range of output)

With voltage outputs, min.	2 kΩ
With voltage outputs, capacitive load, max.	1 μF
With current outputs, max.	500 Ω
With current outputs, inductive load, max.	1 mH

Destruction limits against externally applied voltages and currents

Voltages at the outputs	30 V
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Cable length

Shielded, max.	1 000 m; 200 m for voltage output
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Analog value generation for the outputs

Resolution with overrange (bit including sign), max.	16 bit
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