



Figure similar

CI-8551 COM. INTERFACE 5X SERIAL 2X RS-232, RJ45, 1W/5VDC 1X RS-485, RJ45 2X RS-232/RS-485/RS-422 8-PIN

### General technical data

consumed active power / rated value / maximum	4 500 mW
surge voltage / rated value	2 kV

### Product details

number of expandable communication modules	0
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### Model

design of the product	communication module
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### Supply voltage

supply voltage / at DC	25.2 ... 30.8 V
type of voltage / of the supply voltage	DC

### Communication

protocol / to the substation as client / is supported / IEC 60870-5-104	No
protocol / to the higher-level station as server / is supported / IEC 60870-5-104	No
protocol / to the substation as master / is supported / IEC 60870-5-103	No
protocol / is supported / IEC 60870-5-103 as slave	Yes
protocol / to the substation as master / is supported / IEC 60870-5-101	No
protocol / is supported / IEC 60870-5-101 as slave	Yes
protocol / to the substation as client / is supported / IEC 61850	No
protocol / to the higher-level station as server / is supported / IEC 61850	No
protocol / at the point-to-point connection / is supported / Modbus RTU as master	No
protocol / is supported / Modbus RTU slave	Yes
protocol / is supported / Modbus TCP as client	Yes
protocol / is supported / Modbus TCP as server	No
protocol / is supported / DNP 3.0 serial as master	No
protocol / is supported / DNP 3.0 serial as slave	Yes
protocol / is supported / DNP 3.0 TCP as client	Yes
protocol / is supported / DNP 3.0 TCP as server	No
protocol / is supported / PROFIBUS DP as master	No
protocol / is supported / PROFIBUS DP slave	No
protocol / is supported / PROFINET as master	No
protocol / is supported / PROFINET as slave	No
protocol is supported / Ethernet-based IO bus as slave	No
protocol / is supported / PRP	No
protocol / is supported / RSTP	No
protocol / is supported / HSR	No

number of ports / of the Ethernet interface	0
number of optical interfaces	0
number of interfaces / serial	5
supply voltage / via serial interfaces	Yes

#### Cybersecurity

product feature / configurable firewall	No
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#### Mechanical Design

width	30 mm
height	132 mm
depth	124 mm
fastening method / standard rail mounting	Yes
fastening method / wall mounting	No
fastening method / rack mounting	No
material / of the enclosure	plastic
product function / with function display	Yes
product function / status display	Yes

#### Degree of protection / protection class

operating resource protection class	II
degree of pollution	2
protection class IP / on the front	IP40

#### Environmental conditions

ambient temperature / during operation	-40 ... +70 °C
ambient temperature / during storage	-30 ... +85 °C
relative humidity	5 ... 95 %
mounting height in relation to mean sea level / maximum	3 000 m
air pressure / maximum	106 kPa

#### Approval certification

certificate of suitability / CE marking	Yes
certificate of suitability / UL approval	No

#### Further information

**Siemens is working on the renewal of the current EAC certificates.**

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**Information- and Downloadcenter (catalogues, leaflets,...)**

<http://www.siemens.com/energy-automation>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MF2855-1AA00>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/6MF2855-1AA00>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=6MF2855-1AA00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2855-1AA00)

**Tender specifications**

<http://www.siemens.com/specifications>

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