



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
Model	
design of the product	communication module
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
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	
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	
Tender specifications http://www.siemens.com/specifications	

