SIEMENS

Data sheet 6MF2852-2AA00



Figure similar

SICAM A8000 CI-8522 is an Ethernet expansion module for CP-8050 with 2x fibre-optic and 3x electrical interfaces. Up to 2x CI-8522 can be connected on the left side of CP-8050. Two fibre-optic LC multimode plug-ins are included which support distances up to 2km. RSTP/PRP/HSR is supported.

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

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number of ports / of the Ethernet interface	3
number of optical interfaces	2
number of interfaces / serial	0
property / of the serial interfaces / selectable	No
supply voltage / via serial interfaces	No
Cybersecurity	
product feature / configurable firewall	Yes
Mechanical Design	
width	30 mm
height	132 mm
depth	124 mm
product feature / conformal coating	No
fastening method / DIN-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	-25 ... +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	Yes

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).

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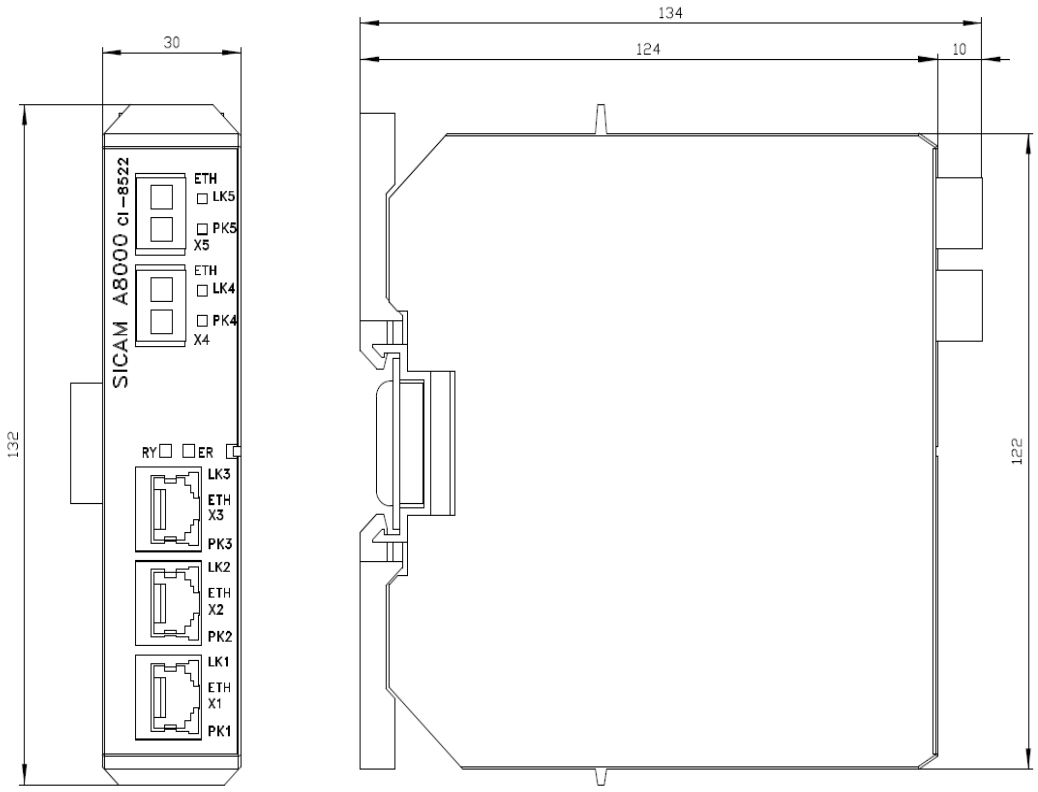
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/6MF2852-2AA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2852-2AA00

Tender specifications
https://www.siemens.com/specifications

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