

SICAM A8000 CI-8531 is an Ethernet expansion module with two fibre-optic interfaces to connect remote SICAM I/Os to SICAM A8000 CP-8050. It supports line and ring configurations and has an integrated power supply (24-60 VDC) to power up to 8 I/O modules. Optionally redundant power supply units (PS-862x or PS-864x) are supported. Two fibre-optic LC multimode plug-ins are included which support distances up to 2km between the I/O rows.

General technical data	
consumed active power / rated value / maximum	7 000 mW
surge voltage / rated value	4 kV
Model	
design of the product	communication module
Supply voltage	
supply voltage / at DC	18 ... 78 V
type of voltage / of the supply voltage	DC
Communication	
number of ports / of the Ethernet interface	0
number of optical interfaces	2
number of interfaces / serial	0
Mechanical Design	
width	30 mm
height	132 mm
depth	124 mm
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	-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	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).

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6MF2853-1AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6MF2853-1AA00>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2853-1AA00

Tender specifications

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

