

SICAM A8000 CP-8000 24-60VDC -40 BIS +70 GRAD CELSIUS.
COMPACT RTU



Figure similar

General technical data	
Consumed active power / rated value / maximum	4 300 mW
Surge voltage / rated value	4 kV
Surge voltage resistance	2.5 kV
Processor clock frequency	400 MHz
Storage capacity / of the RAM	32 Mbyte
Product details	
Time resolution	1 ms
Measuring functions	
Sampling interval	10 ms
Supply voltage	
Supply voltage / at DC / rated value	18 ... 78 V
Type of voltage / of the supply voltage	DC
Inputs / Outputs	
Number of isolated input groups	2
Number of digital inputs	12

Type of input voltage / at the inputs	DC
Input voltage / at DC / per input	24 ... 60 V
Input voltage / per input	18 ... 70 V
Product feature / galvanic isolation of the inputs	Yes
Number of isolated output groups	4
Number of digital outputs	8
Design of the digital output	relais
Type of voltage / at digital output	AC/DC
Voltage / at AC / at 50 Hz / per output	110 ... 120 V
Voltage / at DC / per output	24 ... 60 V
Voltage / per output	18 ... 253 V
Consumed current / per output	5 000 mA
Switching capacity apparent power / at AC / at 50 Hz	1 250 V·A
Switching capacity active power / at DC	0.05 ... 150 W
Product function / galvanic isolation of the outputs	Yes

Communication

Protocol / is supported / Modbus RTU slave	Yes
Protocol / is supported / PROFIBUS DP slave	No
Type of mobile wireless service / is supported / GPRS	No
Number of ports / of Ethernet interface	2
Number of interfaces / serial	2

Cyber Security

Type of communication security / Secure 104 acc. to IEC 62351-3	Yes
Type of access control / role-based access control (RBAC)	Yes
Type of system monitoring / according to SNMP	Yes
Product function / logging via Security Eventlog	Yes
Service / as web server / HTTPS	Yes
Product function / firmware identifier	Yes

time synchronization

time synchronization / via telecontrol protocol	Yes
time synchronization / via NTP/SNTP	Yes
time synchronization / via IRIG-B	No

Mechanical Design

Width	128 mm
Height	124 mm
Depth	123 mm
Product feature / with display	Yes
Mounting type / Standard rail mounting	Yes
Mounting type / wall mounting	No

Mounting type / rack mounting	No
Type of electrical connection	screw-type terminals
Connectable conductor cross-section	0.2 ... 2.5 mm ²
Material / of the enclosure	plastic
Product feature / plug-in terminal blocks	Yes
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	IP 40

Environmental conditions

Ambient temperature / during operation	-40 ... +70 °C
Ambient temperature / during storage	85 ... -40 °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=6MF2101-1AB10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6MF2101-1AB10-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6MF2101-1AB10-0AA0

Tender specifications

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