



Figure similar

CP-8021 MASTER MODULE incl. SD-Card 2xRJ45 Ethernet 1xRJ45 RS-232 1x Terminal RS-485 Operation temperature: -40 to +70°C

General technical data	
consumed active power / rated value / maximum	5 000 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
number of local IO modules / maximum	8
Measuring functions	
sampling interval	10 ms
Supply voltage	
type of voltage / of the supply voltage	AC/DC
Inputs / Outputs	
number of digital inputs	0
number of digital outputs	0
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 the Ethernet interface	2
number of interfaces / serial	2
Cybersecurity	
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	30 mm
height	132 mm
depth	124 mm

product feature / with display	No
fastening method / standard rail mounting	Yes
fastening method / wall mounting	No
fastening method / 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	-40 ... +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

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?mf=6MF2802-1AA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6MF2802-1AA00>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mf=6MF2802-1AA00

Tender specifications

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



