



breaker data server COM800 accessory for: 3VA6

| Model | |
|--|---|
| product brand name | SENTRON |
| product designation | COM800 breaker data server |
| Product version | Accessories for 3VA |
| Accessories | Communication and measurement function |
| General technical data | |
| suitability for operation | Installation in fixed switchboard inside enclosed rooms |
| mounting position | any |
| degree of pollution | 2 |
| overvoltage category | 1 |
| Safety class | III according to IEC61558 |
| protection class IP | 20 acc. to IEC60529 |
| Mechanical Design | |
| product function | |
| <ul style="list-style-type: none"> • electronic tripping unit power supply | Yes |
| <ul style="list-style-type: none"> • detection of switch position: On, Off, Tripped | Yes |
| <ul style="list-style-type: none"> • communication with function module | Yes |
| <ul style="list-style-type: none"> • data exchange with the electronic tripping unit | Yes |
| number of interfaces / according to Fast Ethernet | 1 |
| type of electrical connection / of the fast Ethernet interface | RJ45 |
| design of cable / connectable / twisted pair | Yes |
| protocol / at the Ethernet interface / is supported | Modbus TCP |
| transfer rate / 2 / for Ethernet | 100 Mbit/s |
| number of active connections / at the Ethernet interface | 5 |
| product function | |
| <ul style="list-style-type: none"> • at the Ethernet interface / auto-MDI(X) | Yes |
| <ul style="list-style-type: none"> • at the Ethernet interface / serial gateway | Yes |
| <ul style="list-style-type: none"> • at the communication interface / Modbus RTU protocol | Yes |
| number of interfaces / of the circuit breaker communication system | 2 |
| number of bus termination connectors / on circuit breaker communication system | 2 |
| number of circuit breakers / directly connectable | 8 |
| total length / of the circuit breaker communication system | 20 m |
| number of interfaces / for expansion modules | 1 |
| protocol / is supported | |
| <ul style="list-style-type: none"> • PROFIBUS DP protocol | Yes |
| <ul style="list-style-type: none"> • PROFINET IO protocol | Yes |
| power loss [W] / rated value | 5 W |
| power loss [W] / of the circuit breaker communication interface / at maximum expansion | 26.9 W |

| | |
|--|----------------------|
| control supply voltage / at DC / rated value / maximum | 24 V |
| relative symmetrical tolerance / of the operating range of the control feed voltage | 20 % |
| consumed current / maximum | 1.1 A |
| Height | 90 mm |
| Width | 90 mm |
| number of modular width units | 5 |
| depth | 33.5 mm |
| net weight | 200 g |
| type of electrical connection | removable/pluggable |
| type of electrical connection / at the inputs for supply voltage | screw-type terminals |
| type of connectable conductor cross-sections / at the digital inputs / at AWG cables / solid | 2x 20 to 14 |
| ambient temperature / during operation | |
| • minimum | -25 °C |
| • maximum | 70 °C |
| ambient temperature / during transport | |
| • minimum | -40 °C |
| • maximum | 80 °C |
| ambient temperature / during storage | |
| • minimum | -40 °C |
| • maximum | 80 °C |

Connections according IEC

| | |
|---|---------|
| installation depth / with expansion module / maximum | 56.5 mm |
| installation depth / without expansion module / maximum | 33.5 mm |

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9977-0TA10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9977-0TA10>

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

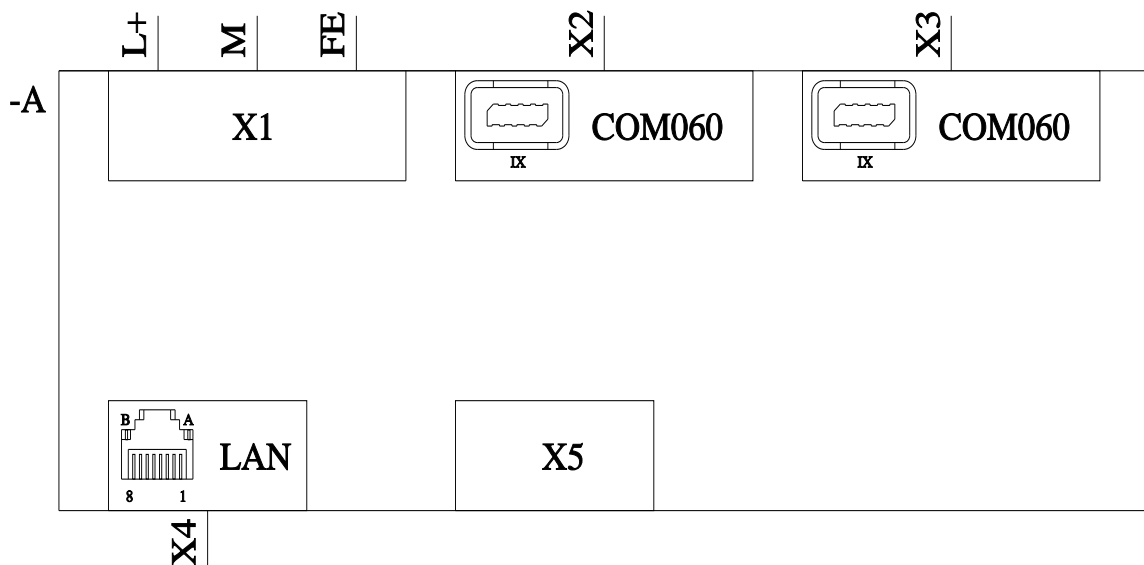
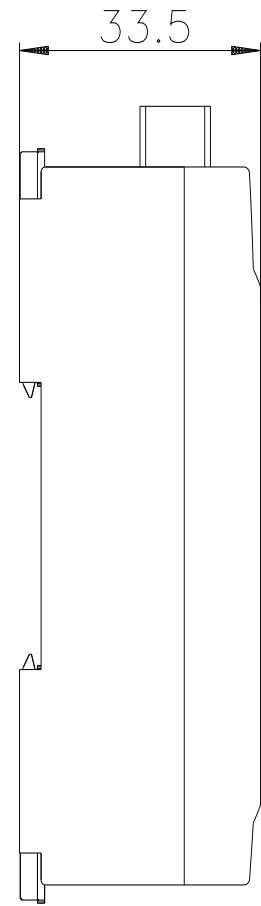
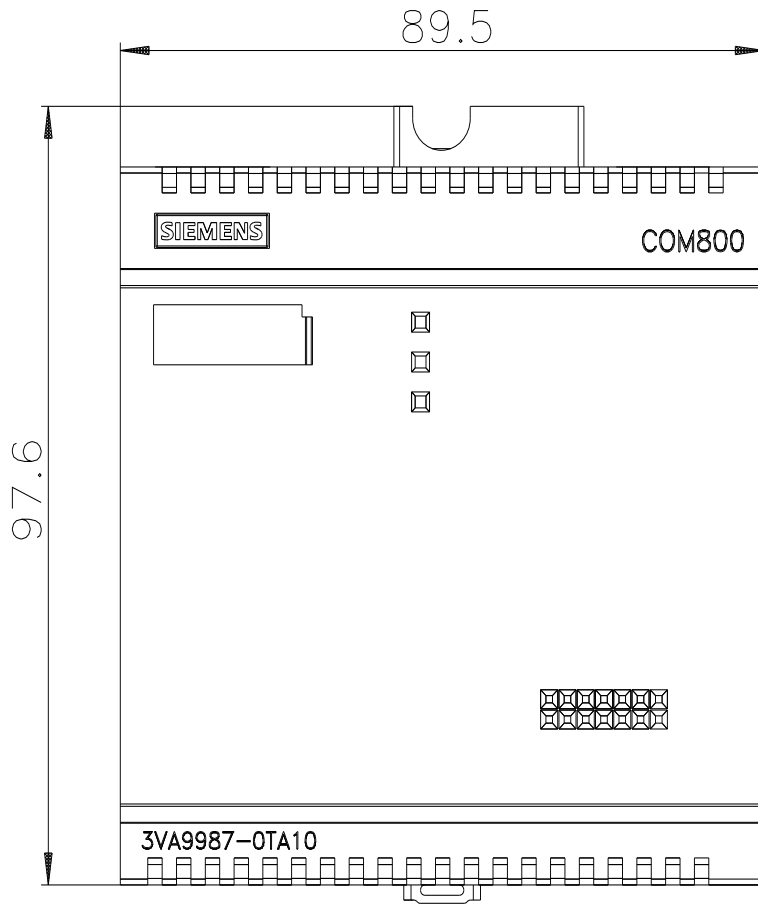
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9977-0TA10

CAX-Online-Generator

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

Tender specifications

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



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