



Maintenance Mode Box MMB300 incl. connecting cable 1.5 m 3VA - MMB300 accessory for: 3VA6

Model	
product brand name	SETRON
product designation	Maintenance mode box MMB300
design of the product	Accessory for 3VA6
accessories	Digital input and output module
General technical data	
suitability for operation	Installation in fixed switchboard inside enclosed rooms
mounting position	any
degree of pollution	3
protection class IP	IP20 according to IEC60529
Mechanical Design	
product function	
• electronic tripping unit power supply	Yes
• digital input and output module	Yes
number of interfaces / of the circuit breaker communication system	1
number of digital inputs	1
input voltage / at digital input / at DC / rated value	24 V
operating range of digital input	IEC: SELV/ PELV UL: Class2
input voltage / at digital input	
• initial value for signal<1>-recognition	15 V
• full-scale value for signal<0> recognition	5 V
number of relay outputs	2
voltage / of the output relay	
• at AC / maximum	250 V
• at DC / maximum	250 V
operational current / of the output relay	
• at AC / at 250 V / rated value	6 A
• at DC / at 30 V / rated value	5 A
switching capacity current / of the output relay	
• at AC-12 / at 250 V	6 A
• at AC-15 / at 250 V	3 A
• at DC-12 / at 250 V	0.2 A
• at DC-13 / at 250 V	0.1 A
output current / of the output relay	
• for signal <1> / initial value	10 mA
• for signal <1> / full-scale value	27 mA
• for signal <0> / maximum	0.2 mA
design of DIAZED fuse link / for short-circuit protection of auxiliary contacts of output relay	D0 6 A 500 V gL/gG
overvoltage category / of the output relay	III (relay) I (other)

power loss [V·A] / rated value	4.8 VA
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	0.2 A
height	116 mm
width	70 mm
depth	36 mm
net weight	130 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 / for AWG cables / solid	1x 21 to 14; 2x 21 to 16
ambient temperature / during operation <ul style="list-style-type: none"> • minimum • maximum 	-25 °C 60 °C
ambient temperature / during transport <ul style="list-style-type: none"> • minimum • maximum 	-25 °C 80 °C
tightening torque / with screw-type terminals / minimum	3.56 N·m
tightening torque / with screw-type terminals / maximum	4.44 N·m
ambient temperature / during storage <ul style="list-style-type: none"> • minimum • maximum 	-25 °C 70 °C

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

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 on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3VA9977-0UF10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9977-0UF10>

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

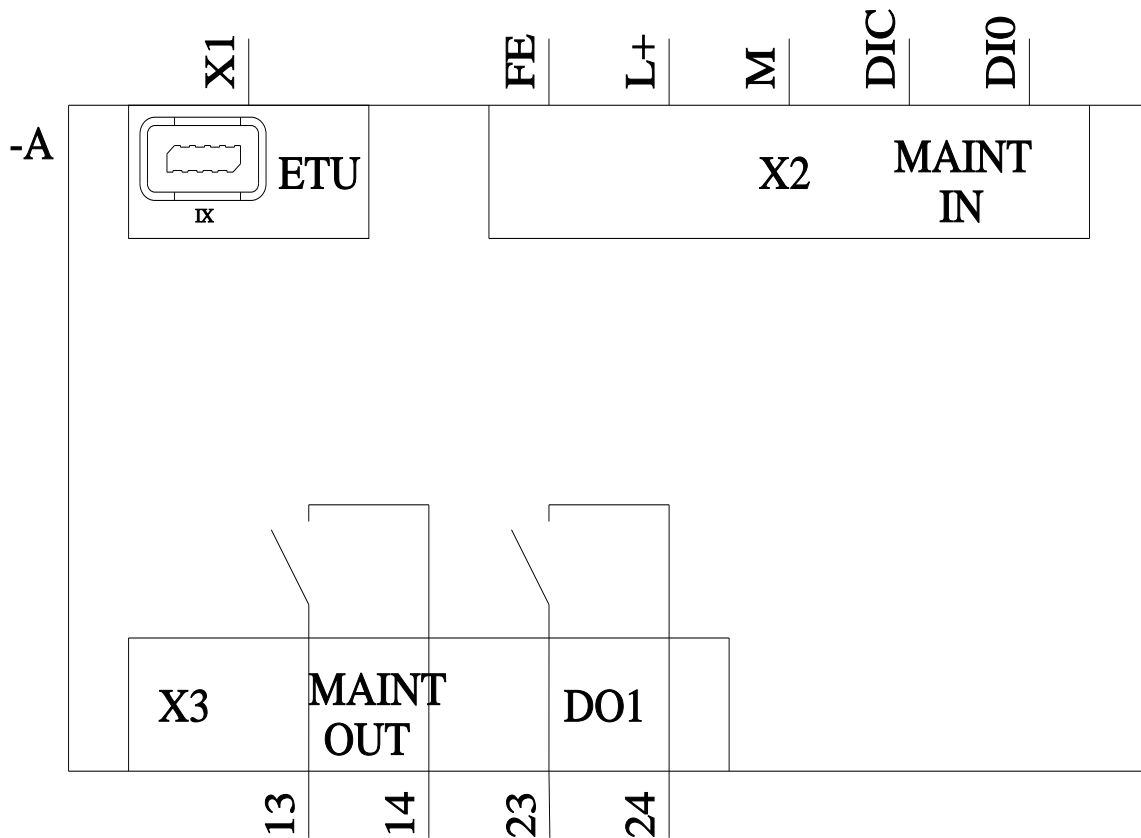
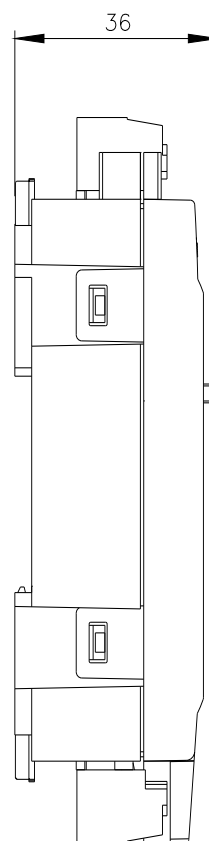
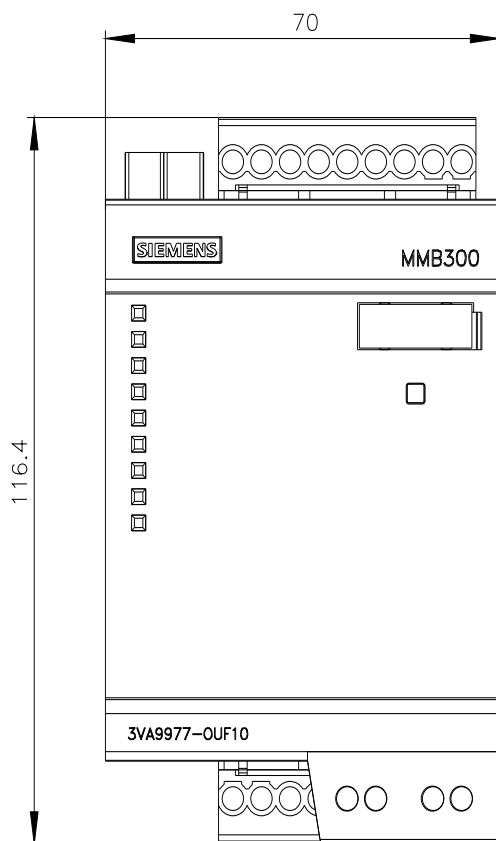
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9977-0UF10

CAX-Online-Generator

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

Tender specifications

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



last modified:

8/15/2023 

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens:

[3VA99770UF10](#)