



display DSP800 accessory for: 1 to 8 units 3VA6 breaker

Model	
product brand name	SENTRON
product designation	DSP800 display
accessories	Communication and measurement function
General technical data	
suitability for operation	Installation in fixed switchboard inside enclosed rooms
mounting position	any
degree of pollution	3
overvoltage category	I
operating resource protection class	III according to IEC61558
protection class IP	IP65 (front) according to IEC60529
Voltage	
Rated control supply voltage $U_s$ with DC / maximal	24 V
Current	
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	8
product function	
• at the Ethernet interface / auto-MDI(X)	Yes
• at the Ethernet interface / serial gateway	Yes
power loss [V·A] / rated value	2.2 VA
control supply voltage / at DC / rated value / maximum	24 V
consumed current / maximum	0.09 A
Mechanical Design	
height	96 mm
width	96 mm
depth	56 mm
Net Weight	287 g
Connections	
type of electrical connection	removable/pluggable
type of electrical connection / at the inputs for supply voltage	screw-type terminals
connectable conductor cross-section / solid	
• minimum	0.5 mm <sup>2</sup>
• maximum	2.5 mm <sup>2</sup>
connectable conductor cross-section / finely stranded /	

<b>with core end processing</b>	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>0.5 mm<sup>2</sup></p> <p>1.5 mm<sup>2</sup></p>
<b>type of connectable conductor cross-sections / at the digital inputs / for AWG cables / solid</b>	2x 20 to 14

**Environmental conditions**

<b>ambient temperature / during operation</b>	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>-10 °C</p> <p>55 °C</p>
<b>ambient temperature / during transport</b>	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>-25 °C</p> <p>70 °C</p>
<b>ambient temperature / during storage</b>	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>-25 °C</p> <p>70 °C</p>

**Certificates**

<b>General Product Approval</b>	<b>EMV</b>
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[Miscellaneous](#)



<b>Test Certificates</b>	<b>Maritime application</b>	<b>other</b>	<b>Environment</b>
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

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**Further information**

**Information on the packaging**

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

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA9977-0TD10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9977-0TD10>

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

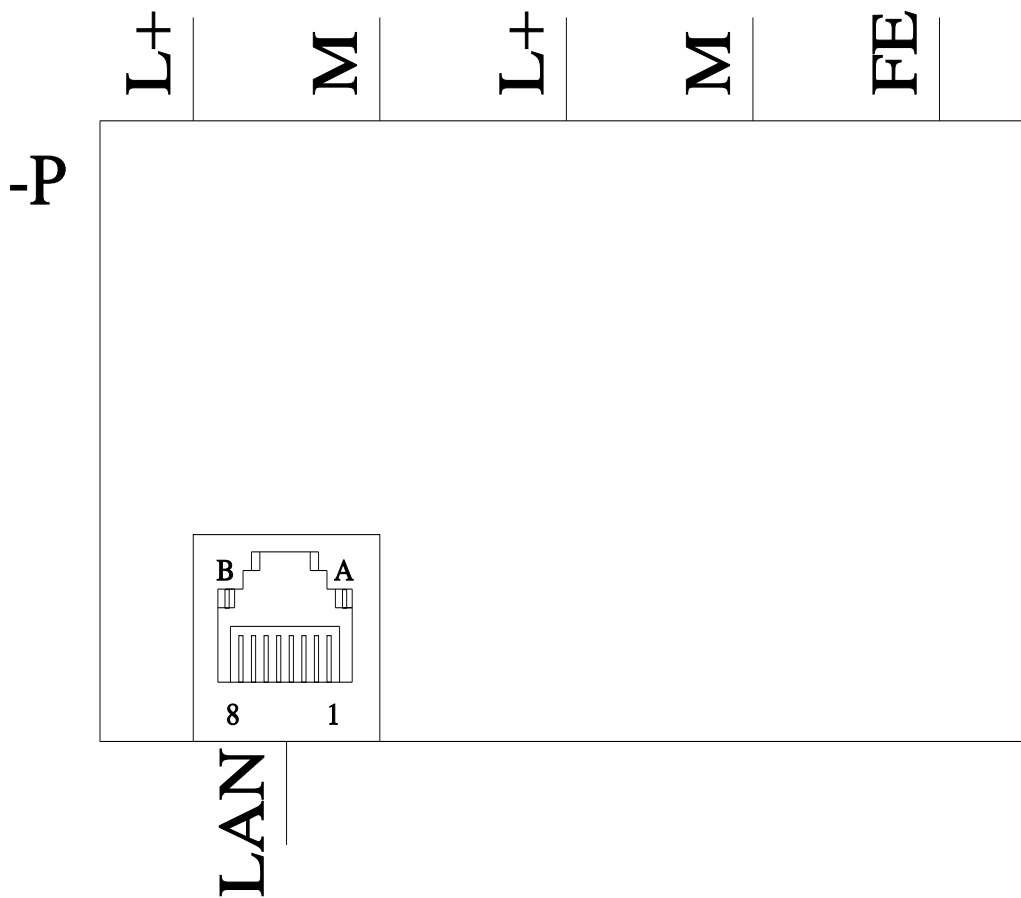
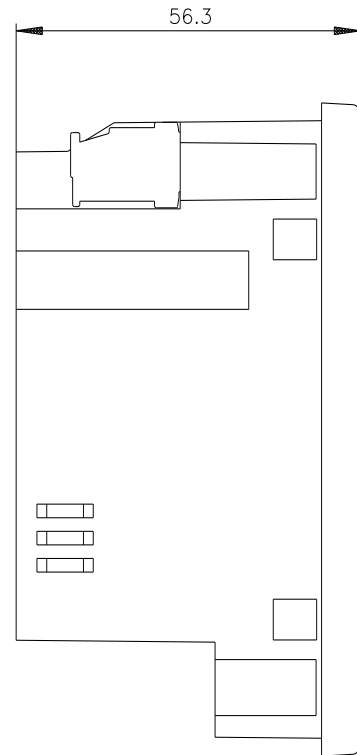
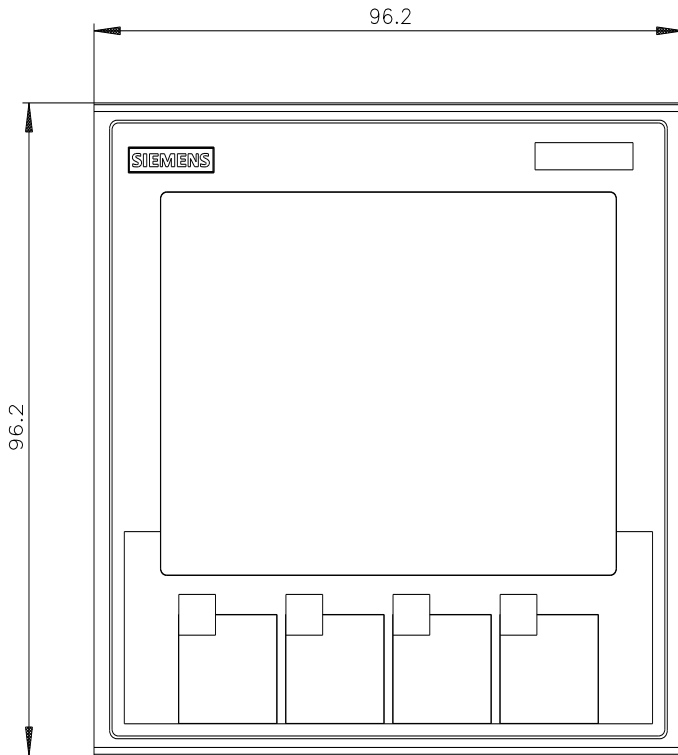
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA9977-0TD10](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9977-0TD10)

**CAX-Online-Generator**

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

**Tender specifications**

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



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