

SWITCH DISCONNECTOR 3VA1 IEC FRAME 250 3-POLE SD100,
IN=250A WITHOUT OVERLOAD PROTECTION WITHOUT SHORT
CIRCUIT PROT. BUSBAR CONNECTION



Model	
Product brand name	SENTRON
Product designation	Switch disconnecter
Design of the product	in MCCB design
Number of poles	3
Design of the auxiliary release	without
Design of the auxiliary switch	Without
General technical data	
Tension assignée d'isolement U_i	800 V
Max. rated operational voltage U_e with AC 50/60Hz	690 V
Max. rated operational voltage U_e with DC	500 V
Active power loss / for rated value of the current / at AC / in hot operating state / per device	57 W
Mechanical service life (switching cycles) / typical	15 000
Product function	
• communication function	No
Electricity	
Courant permanent assigné I_u	250 A

Mechanical Design	
Height	158 mm
Width	105 mm
Depth	70 mm

Connections	
Arrangement of electrical connectors / for main current circuit	Front terminal
Type of electrical connection / for main current circuit	busbar connection

Auxiliary circuit	
Product component	
<ul style="list-style-type: none"> • undervoltage release • Voltage trigger • undervoltage release with leading contact • Trip indicator 	<ul style="list-style-type: none"> No No No No
Number of CO contacts / for auxiliary contacts	0

Accessories	
Product extension / optional / motor drive	Yes

Environmental conditions	
Protection class IP / on the front	IP40
Ambient temperature	
<ul style="list-style-type: none"> • during operation / minimum • during operation / maximum • during storage / minimum • during storage / maximum 	<ul style="list-style-type: none"> -25 °C 70 °C -40 °C 80 °C

Certificates	
Equipment marking / acc. to DIN EN 81346-2	Q

General Product Approval	EMC	Declaration of Conformity	Test Certificates
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[Miscellaneous](#)

Test Certificates	other
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[Special Test Certificate](#)

[Miscellaneous](#)

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=3VA1225-1AA32-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA1225-1AA32-0AA0>

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

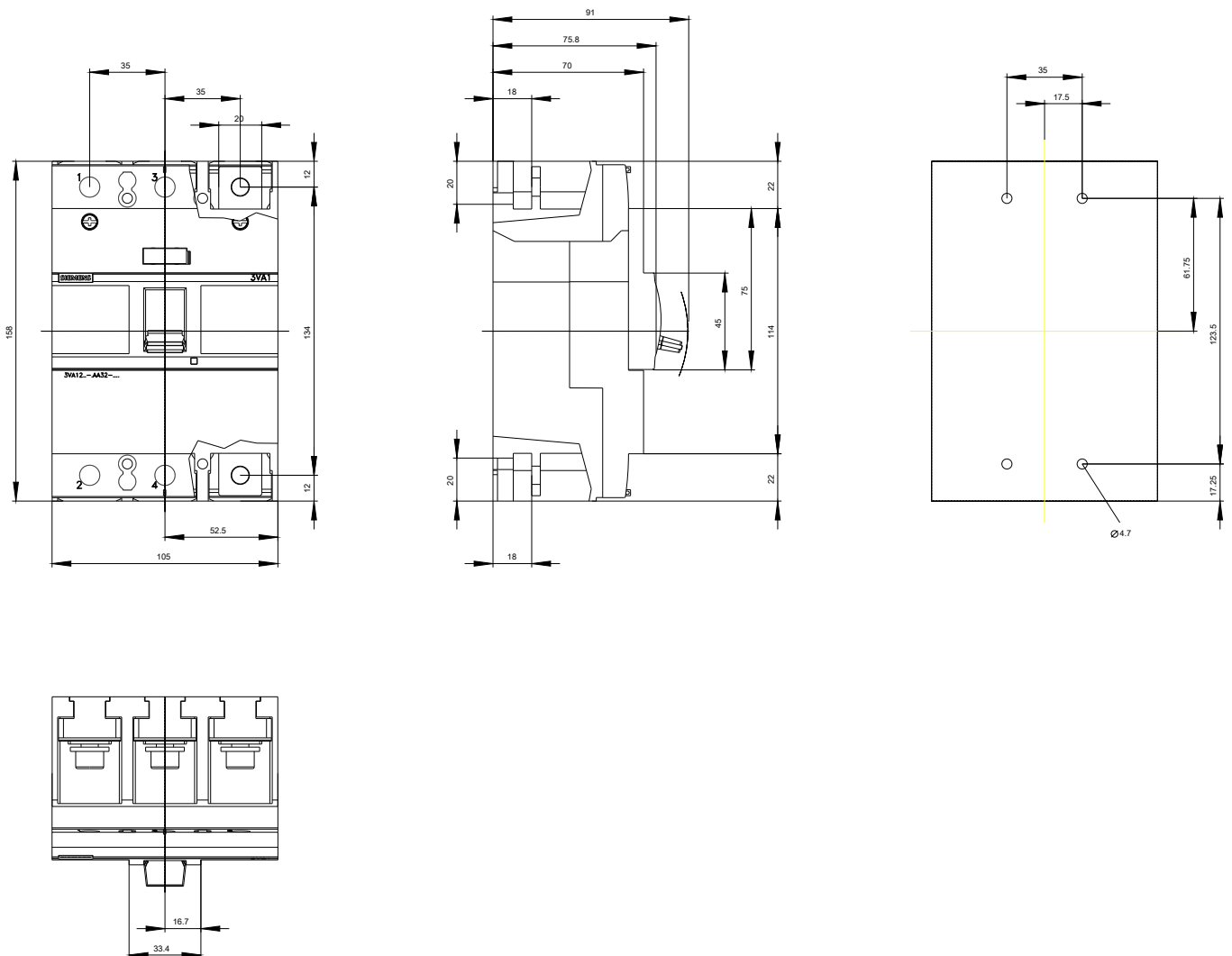
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA1225-1AA32-0AA0

CAX-Online-Generator

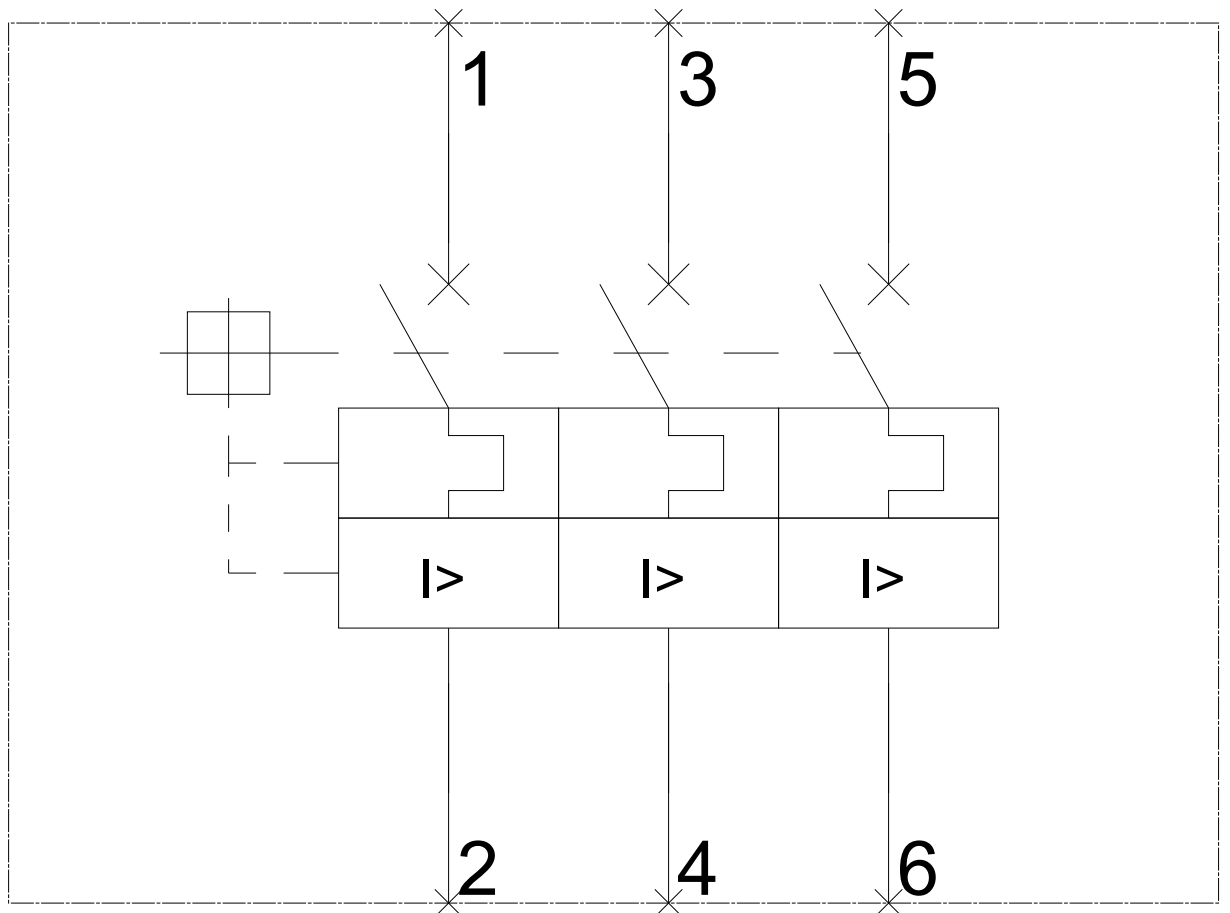
<http://www.siemens.com/cax>

Tender specifications

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



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