



switch disconnecter 3VA1 IEC frame 250 3-pole SD100, In=250A without overload protection w/o short-circuit protection nut keeper kit

Model	
product brand name	SENTRON
product designation	Switch disconnecter
Product version	in MCCB design
number of poles	3
design of the auxiliary release	without
Auxiliary contact version	Without
General technical data	
Tension assignée d'isolement Ui	800 V
Max. rated operational voltage Ue with DC	500 V
power loss [W] / maximum	57 W
mechanical service life (switching cycles) / typical	15 000
product function / communication function	No
Current	
operational current	
• at 40 °C	250 A
• at 45 °C	250 A
• at 50 °C	250 A
• at 55 °C	243 A
• at 60 °C	237 A
• at 65 °C	230 A
• at 70 °C	223 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	
• undervoltage release	No
• voltage trigger	No
• undervoltage release with leading contact	No
• trip indicator	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		
• during operation / minimum	-25 °C	
• during operation / maximum	70 °C	
• during storage / minimum	-40 °C	
• during storage / maximum	80 °C	
Certificates		
reference code / acc. to IEC 81346-2	Q	
General Product Approval	EMC	Declaration of Conformity

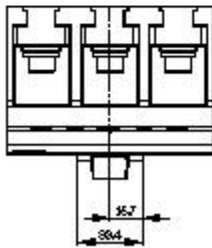
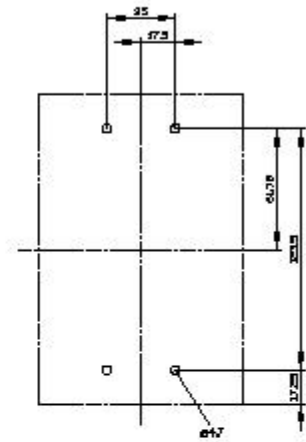
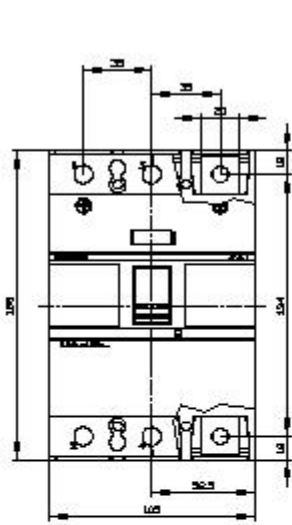


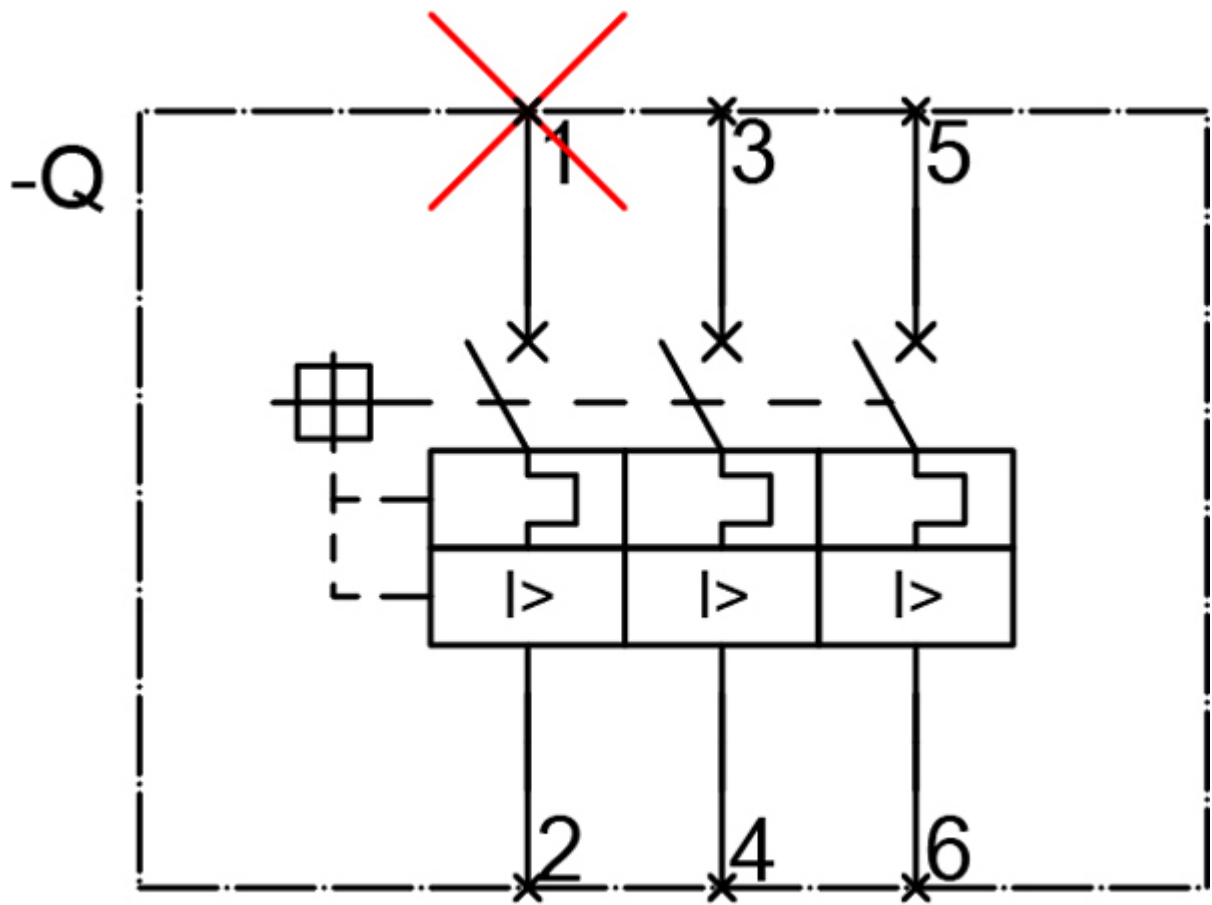
[Miscellaneous](#)



Test Certificates	Shipping Approval	other
Miscellaneous	Type Test Certificates/Test Report	Special Test Certificate
		Manufacturer Declaration
		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
Tender specifications http://www.siemens.com/specifications





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