

fixed-mounted sw. disconnecter with handle frame 1600; 4AUX Icu=55kA @ 415V, 3-pole SD100; In=1000A without overload protection w/o short-circuit protection nut keeper kit No communication connection, no measurement function Without additional alarm switch assembly With mechanical calling without 2nd auxiliary release without 1st auxiliary release

Model	
product brand name	SENTRON
product designation	circuit breaker
design of the product	LTS
design of the actuating element	toggel handle actuator
type of the driving mechanism	manual operating mechanism
type of the driving mechanism / motor drive	No
design of the overcurrent release	SD100
General technical data	
number of poles	3
size of the circuit-breaker	1600 A
mechanical service life (operating cycles) / typical	1 000
circuit-breaker / Design	3VA2
Voltage	
insulation voltage / rated value	1 000 V
operating voltage / at AC / at 50/60 Hz / rated value	690 V
protection class IP	IP20
<ul style="list-style-type: none"> <li>protection class IP / on the front</li> </ul>	IP20
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	30 W
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	4
Suitability	
suitability for use	circuit breaker
product component	
<ul style="list-style-type: none"> <li>trip indicator</li> <li>voltage trigger</li> <li>undervoltage release</li> </ul>	No
product extension / optional / motor drive	No
Display and operation	
display version	Without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
<ul style="list-style-type: none"> <li>at 415 V / rated value</li> <li>at 500 V / rated value</li> <li>at 690 V / rated value</li> </ul>	55 kA 36 kA 25 kA
maximum short-circuit current breaking capacity (Icu)	
<ul style="list-style-type: none"> <li>at 415 V / rated value</li> <li>at 440 V / rated value</li> <li>at 500 V / rated value</li> <li>at 690 V / rated value</li> </ul>	55 kA 55 kA 36 kA 25 kA
Connections	
arrangement of electrical connectors / for main current circuit	Main connection on front side
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	296 mm
width	210 mm
depth	183 mm

fastening method	fixed mounting	
net weight	14 kg	
<b>Environmental conditions</b>		
ambient temperature / during operation		
• minimum	-25 °C	
• maximum	70 °C	
ambient temperature / during storage		
• minimum	-40 °C	
• maximum	70 °C	
<b>General Product Approval</b>	<b>EMC</b>	<b>Declaration of Con- formity</b>

[Confirmation](#)



[Miscellaneous](#)



EG-Konf.

<b>Declaration of Con- formity</b>	<b>Test Certificates</b>	<b>Marine / Shipping</b>			
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LRS

<b>other</b>	<b>Dangerous Good</b>	<b>Environment</b>		
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[Environmental Con-  
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**Further information**

**Information on the packaging**

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

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA2710-5AA03-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA2710-5AA03-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA2710-5AA03-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2710-5AA03-0AA0)

**CAx-Online-Generator**

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

**Tender specifications**

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



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