

fixed-mounted sw. disconnecter with handle frame 1600; 4AUX Icu=55kA @ 415V, 3-pole SD100; In=800A 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 with 2nd auxiliary release UVR, instant Undervoltage 110-120 V AC/DC 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
protection class IP / on the front	IP20
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	19.3 W
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	4
Suitability	
suitability for use	circuit breaker
product component	
trip indicator	No
voltage trigger	No
undervoltage release	Yes
product extension / optional / motor drive	No
Display and operation	
display version	Without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
at 415 V / rated value	55 kA
at 500 V / rated value	36 kA
at 690 V / rated value	25 kA
maximum short-circuit current breaking capacity (Icu)	
at 415 V / rated value	55 kA
at 440 V / rated value	55 kA
at 500 V / rated value	36 kA
at 690 V / rated value	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		
Environmental conditions			
ambient temperature / during operation			
• minimum	-25 °C		
• maximum	70 °C		
ambient temperature / during storage			
• minimum	-40 °C		
• maximum	70 °C		
General Product Approval		EMC	Declaration of Con- formity



[Confirmation](#)

[Miscellaneous](#)



EG-Konf.

Declaration of Con- formity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)



LRS

other	Dangerous Good	Environment
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[Miscellaneous](#)

[Dangerous Goods In-
formation](#)

[Environmental Con-
firmations](#)

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=3VA2780-5AA03-0AF0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA2780-5AA03-0AF0>

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

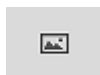
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2780-5AA03-0AF0

CAX-Online-Generator

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

Tender specifications

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



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4/6/2020

