

fixed-mounted molded case circuit breaker frame 1600; with RTC and 4AUX trip alarm switch S24; Icu "M" Icu=55kA @ 415V, 4-pole, left ETU320, LI, In=1600A rotary coding switch Ir=640...1600A li=1.5...15 x In N conductor protec. adjustable OFF, 50%, 100%, 200% nut keeper kit No communication connection, no measurement function Manual operating mechanism of the spring energy store With mechanical calling without 2nd auxiliary release without 1st auxiliary release

Model	
product brand name	SENTRON
product designation	Molded case circuit breaker
design of the product	MCCB
design of the actuating element	spring actuator
type of the driving mechanism	without motor drive
type of the driving mechanism / motor drive	No
design of the overcurrent release	ETU320
General technical data	
number of poles	4
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> <li>protection function of the overcurrent release</li> </ul>	IP20 LI
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	77 W
Auxiliary circuit	
number of CO contacts / for auxiliary contacts	4
Suitability	
suitability for use	system protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	640 A
product component <ul style="list-style-type: none"> <li>trip indicator</li> <li>voltage trigger</li> <li>undervoltage release</li> </ul>	Yes No No
product extension / optional / motor drive	Yes
Product function	
product function <ul style="list-style-type: none"> <li>grounding protection</li> </ul>	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> </ul>	55 kA 55 kA 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	280 mm
depth	183 mm
fastening method	fixed mounting
net weight	16 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



[Miscellaneous](#)



LRS

other

Dangerous Good

Environment

[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)

[Transport Information](#)

[Dangerous Goods In-  
formation](#)

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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=3VA2716-1AB13-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA2716-1AB13-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3VA2716-1AB13-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA2716-1AB13-0AA0)

CAX-Online-Generator

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

Tender specifications

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



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