

instantaneous (0.08 s) and short-delay (0.2s), 220-240V AC / 220-250V DC



Model	
product brand name	SINOVA
closing apparent power [VA]	15 VA
operating apparent power [VA]	15 VA
closing active power [W]	15 W
operating active power [W]	15 W
OFF-delay time minimum	100 ms
minimum command time at Us = 100%	70 ms
ON-delay time	
• minimum	200 ms
• maximum	250 ms
opening time of circuit breaker at Us = 0 %	100 ms
opening time of circuit breaker at Us = 100%	300 ms
operating frequency maximum	60 1/h
type of voltage of the operating voltage for actuation	AC/DC
value range of the control supply voltage (Us)	
• at AC rated value	220-240 V
• at DC rated value	220-250 V
line frequency rated value	
• 50 Hz	Yes
• 60 Hz	Yes
switching capacity class of the circuit breaker	S
power loss [W] rated value	20 W
suitability for operation	Continuous duty
operating range of the voltage trigger	
• minimum	0,85
• maximum	1,1
response value of drop-out voltage	
• minimum	0.35
• maximum	0.7
adjustable time	
• initial value	80 ms
• full-scale value	200 ms
extended operating range of the voltage trigger for battery operation	
• minimum	0,7
• maximum	1,26
accessories	Undervoltage release and auxiliary release
design of the DIAZED fuse link gG/miniature circuit breaker with tripping characteristic class C 100% for short-circuit	1

protection minimum permissible	
connectable conductor cross-section	
• minimum	0.5 mm ²
• maximum	2.5 mm ²
AWG number as coded connectable conductor cross section for auxiliary contacts	
• minimum	20
• maximum	14
mounting position	vertical
Net Weight	0.8 kg
ambient temperature during operation	
• minimum	-20 °C
• maximum	70 °C
ambient temperature during storage	
• minimum	-40 °C
• maximum	80 °C

Approvals Certificates

General Product Approval



Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WJ9111-0AE06>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WJ9111-0AE06>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WJ9111-0AE06

CAX-Online-Generator

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

Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)

last modified:

4/4/2025

