

instantaneous (0.08 s) and short-delay (0.2s), 110-127V AC / 110-125V 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 $U_s = 100\%$	70 ms
ON-delay time	
• minimum	200 ms
• maximum	250 ms
opening time of circuit breaker at $U_s = 0\%$	100 ms
opening time of circuit breaker at $U_s = 100\%$	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 (U_s)	
• at AC rated value	110-127 V
• at DC rated value	110-125 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	
<ul style="list-style-type: none"> • minimum • maximum 	0.5 mm ² 2.5 mm ²
AWG number as coded connectable conductor cross section for auxiliary contacts	
<ul style="list-style-type: none"> • minimum • maximum 	20 14
mounting position	vertical
Net Weight	0.8 kg
ambient temperature during operation	
<ul style="list-style-type: none"> • minimum • maximum 	-20 °C 70 °C
ambient temperature during storage	
<ul style="list-style-type: none"> • minimum • maximum 	-40 °C 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=3WJ9111-0AE05>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3WJ9111-0AE05>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WJ9111-0AE05
- 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=)

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