



SINOVA, Residual Current operated circuit breaker 2-pole, Type AC, In: 32A
30mA, Un AC:240V

Model	
product brand name	SINOVA
General technical data	
number of poles	2
size of installation devices according to DIN 43880	1
mechanical service life (operating cycles) typical	5 000
short-circuit current of series fuse maximum permissible	32 A
short-circuit current rating	6 kA
switching function short-term delayed	No
overvoltage category	III
insulation voltage (Ui) rated value	660 V
tripping fault current rated value	30 mA
operational current	
• at 40 °C rated value	32 A
• at 45 °C rated value	32 A
• at 50 °C rated value	32 A
• at AC rated value	32 A
residual current type	AC
let-through current permissible	2.3 kA
I2t value permissible	6 000 A ² ·s
Supply voltage	
supply voltage for testing equipment minimum	195 V
value range of the supply voltage frequency	50/60 Hz
value range of the operating frequency	50/60 Hz
value range of the supply voltage at AC	240/415 V
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors
Breaking Capacity	
switching capacity current according to IEC 61008-1 rated value	0.5 kA
Dissipation	
power loss [W]	
• for rated value of the current at AC in hot operating state per pole	3 W
• maximum	6 W
Product details	
product feature silicon-free	Yes
product extension installable supplementary devices	No
Connections	
connectable conductor cross-section solid	
• minimum	1 mm ²

<ul style="list-style-type: none"> • maximum 	35 mm ²
connectable conductor cross-section stranded	
<ul style="list-style-type: none"> • minimum 	1 mm ²
<ul style="list-style-type: none"> • maximum 	35 mm ²
tightening torque with screw-type terminals	
<ul style="list-style-type: none"> • minimum 	2 N·m
<ul style="list-style-type: none"> • maximum 	2 N·m
position of power supply cord	top or bottom

Mechanical Design

height	84.5 mm
width	36 mm
depth	76 mm
installation depth	70 mm
number of modular width units	2
fastening method	DIN rail (REG)
mounting position	any
net weight	216 g

Environmental conditions

ambient temperature during operation	
<ul style="list-style-type: none"> • minimum 	-25 °C
<ul style="list-style-type: none"> • maximum 	50 °C
ambient temperature during storage	
<ul style="list-style-type: none"> • minimum permissible 	-25 °C
<ul style="list-style-type: none"> • maximum permissible 	60 °C
number of test cycles for environmental testing according to IEC 60068-2-30	28

Certificates

reference code according to IEC 81346-2	F
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Approvals Certificates

Test Certificates

[Type Examination Certificate](#)

Further information

Information on the packaging

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

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TJ7313-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TJ7313-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TJ7313-0

CAx-Online-Generator

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

Tender specifications

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



