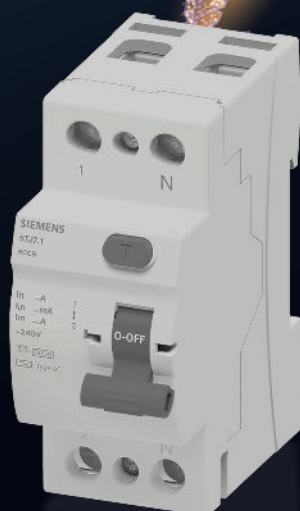


# SIEMENS

## SINOVA 5TJ

### Residual Current Circuit Breakers

Safety ensured



# Overview

SINOVA 5TJ Residual Current Circuit Breakers offers complete protection of personnel and equipment with uncompromised levels of safety. It provides protection to humans and equipment against shock and fire caused by leakage currents.



# Key Features



## Comprehensive Range

Current ratings of 16A, 25A, 32A, 40A and 63A is available with sensitivity of 30mA, 100mA and 300mA.



## User friendly

Flexibility in termination options – separate termination for cables and fork type busbar.



## Compatibility

A single product for use in 50Hz and 60Hz frequency – catering to varied customer needs.

# Technical Specification

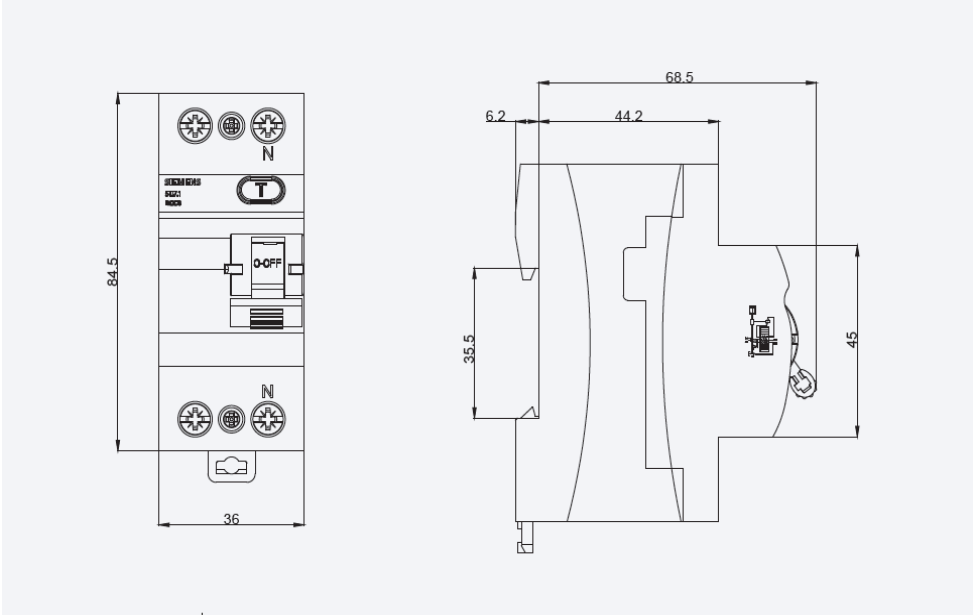
		SINOVA 5TJ RCCB
Standard		IEC 61008-1, IEC 61008-2-1
Number of poles		2P and 4P
Rated Voltage	V AC	240/415
Rated Current In	Ampere (A)	16, 25, 32, 40 and 63
Rated Frequency	Hz	50/60
Type		AC
Rated Residual Current / $\Delta n$	mA	30, 100 and 300
Rated Conditional short-circuit current as per IEC 61008-1	kA	6
Minimum Operating Voltage for test function		
30mA	V AC	90
100mA	V AC	140
300mA	V AC	200
Pollution Degree		2
Overvoltage Category		III
Impulse Withstand Voltage	kV	4
Handle end position, sealable (Sealing wire)		Yes
Degree of protection Acc. to EN 60529		IP20 Front
ROHS Complaint		Yes
CFC and Silicone-free		Yes
REACH		Yes
Terminal Tightening Torque, recommended	N.m	2.5...3
Conductor Cross-Sections (Solid and stranded)	mm <sup>2</sup>	2.5...35
Bi-connect (Dual) Terminals		Yes (Bottom only)
Busbar Suitability		Both Fork or Pin Type
Mounting Position		Any
Average Electrical/Mechanical Life		10,000/15,000 actuations
Ambient Temperature	°C	-25 ... +55 °C, max. 95% humidity storage temperature: -25 ... +60 °C
Dimensional Details H x W x D	mm	84.5 X 36 X 76 (2P) 84.5 X 72 X 76 (4P)

# Selection & Ordering Data

		Sensitivity			Standard Packaging No. of Pieces
	$I_n$ (A)	30mA	100mA	300mA	
2 poles					
	16	5TJ7311-0	5TJ7411-0	5TJ7611-0	5
	25	5TJ7312-0	5TJ7412-0	5TJ7612-0	5
	32	5TJ7313-0	5TJ7413-0	5TJ7613-0	5
	40	5TJ7314-0	5TJ7414-0	5TJ7614-0	5
	63	5TJ7316-0	5TJ7416-0	5TJ7616-0	5
4 poles					
	16	5TJ7341-0	5TJ7441-0	5TJ7641-0	3
	25	5TJ7342-0	5TJ7442-0	5TJ7642-0	3
	32	5TJ7343-0	5TJ7443-0	5TJ7643-0	3
	40	5TJ7344-0	5TJ7444-0	5TJ7644-0	3
	63	5TJ7346-0	5TJ7446-0	5TJ7646-0	3

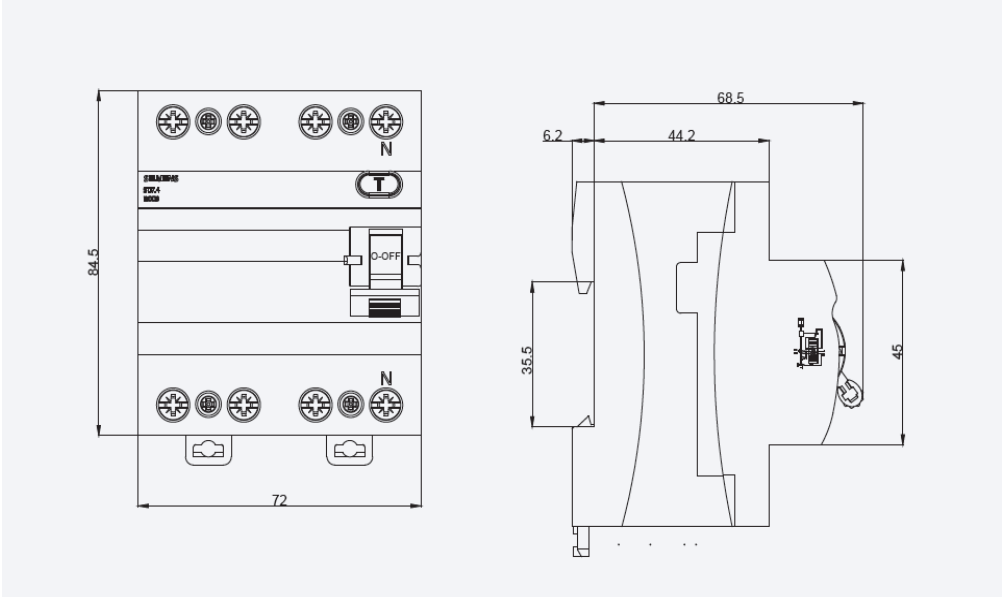
# Product Dimensions

## 2 Pole



RCCBs, type AC, 2MW

## 4 Pole



RCCBs, type AC, 4MW

The SINOVA range of products are ideal for infrastructure, buildings, utilities and industrial applications. It packs full features for cost-efficient power distribution, switching and control that is both reliable and safe. The portfolio also features comprehensive product ranges that are designed for a variety of applications, giving users Siemens trusted quality. Simply Efficient, this is the SINOVA way.

**Published by**  
**Siemens Malaysia Sdn Bhd**

Smart Infrastructure  
Electrical Products (EP)  
Cp Tower, 11, Jalan 16/11  
46350 Petaling Jaya, Selangor  
For more information, please contact  
E-mail: [sales.my@siemens.com](mailto:sales.my@siemens.com)  
Article No. SIEP-B90078-00-76MY

Subject to changes and errors. The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described, or which may undergo modification in the course of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.