



## Overview

EKA5 is an 18mm width DIN rail mount smart switch that provides convenient and intelligent control of your appliances, protecting circuits with an operating current of up to 40A. Connect it to your home Wi-Fi network and control it remotely via the Tuya App. Integrated energy metering allows you to track power consumption, optimize energy usage, and save money on electricity bills.

EKA5 Multi-function Switch is ideal for a variety of applications, including home automation, industrial control, and energy management.

## Features

- **Remote Control:** Manage your switch from anywhere using the Tuya or Smart Life app.
- **Timing Functions:** Set schedules, countdowns, and cycle timings for automated control.
- **Energy Metering:** Monitor power consumption statistics in real-time.
- **Adjustable Current Rating:** Customizable from 1A to 40A via the app.
- **Multiple Protection Features:** Includes over-current, under-voltage, and over/under-voltage protection.
- **Wide Voltage Range:** Operates from AC 90V to 265V.
- **Easy Installation:** Standard DIN rail mounting for quick setup.

## Technical Parameter

Standard	IEC 60947-5-1
Model	EKA5-TW
Communication method	Wi-Fi (Tuya), 2.4GHz
Status indicator	Power status
	Network status
Power button	Yes
Network configuration button	Yes
Control type	Remote, Manual
Poles	1P+N, N pole on the left
Standby power consumption	≤ 1.5W
Operating voltage range	90V~265V

# EKA5 Series

Smart Relay Switch with Metering

ETEK®

Rated frequency	50/60Hz
Rated operating current	1-40A
Measurement accuracy	Class 2.0
Protection degree	IP20
Ambient temperature	-25°C to +70°C , Max. 95% humidity
Connection	From top
Over-voltage range	230V~265V (default:265V)
Over-voltage recovery range	Automatically reduces 5V based on overvoltage protection value
Under-voltage range	140V~210V (default:160V)
Under-voltage recovery range	Automatically increases 5V based on undervoltage protection value
Over-current adjustable range	1A-40A (default:40A)

## Dimension (mm)

