

EKDB265P

EKDB16S4L

## Overview

A basic EV distribution board, also known as an EV charging station sub-panel, serves as the intermediary between your home's main electrical panel and the EV charger. Its primary function is to safely and efficiently distribute power to the charger while providing necessary circuit protection.

Etek Electric offers two types of metal EV distribution boards: IP65 waterproof for outdoor installations and IP20 for indoor installations. These boards are designed with various component combinations to meet the protection needs of most users, and they also offer customized services.

## Features

- Complies with IEC/EN 60439-3
- IP65 or IP20 rated protection
- All metal construction
- Quick and easy installation
- Complete Kit
- EKDB265P reserved padlock position
- EKDB16S4L integrated door lock

## IP65 EV Distribution Board



Reference No.	Description	Ways
EKDB265P-AOS-B32	2P 32A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD5, IP65, Dark Gray	5
EKDB265P-AOS-B40	2P 40A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD, IP65, Dark Gray	5
EKDB265P-BDS-40	2P 63A 30mA Type B RCD + 1P 40A B Curve MCB + 1PN T2 40kA SPD, IP65, Dark Gray	5

The table only includes our standard models. Customization for other configuration requirements is also available.

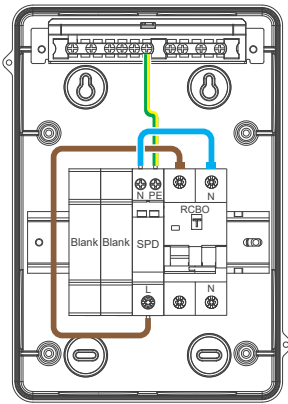
## IP20 EV Distribution Board



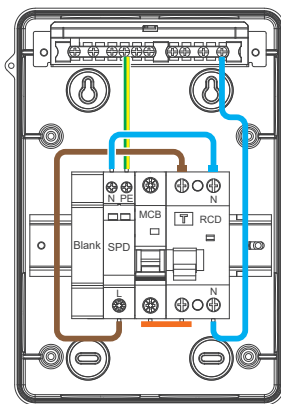
Reference No.	Description	Ways
EKDB16S4L-AOS-B32	2P 32A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD5, IP20, White	4
EKDB16S4L-AOS-B40	2P 40A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD, IP20, White	4
EKDB16S4L-BDS-40	2P 63A 30mA Type B RCD + 1P 40A B Curve MCB + 1PN T2 40kA SPD, IP20, White	4

The table only includes our standard models. Customization for other configuration requirements is also available.

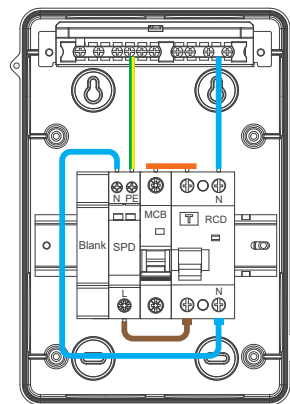
Wiring Diagram



From top to bottom  
(RCBO+SPD)

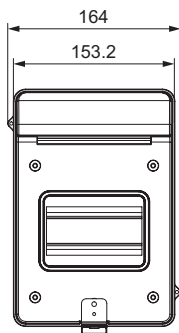


From top to top  
(RCD+MCB+SPD)

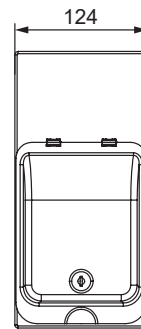
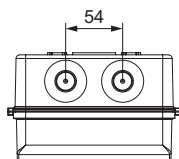
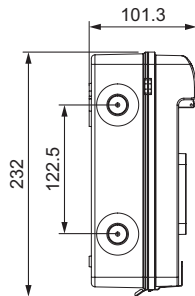


From bottom to bottom  
(RCD+MCB+SPD)

Dimension (mm)



EKDB26-5P



EKDB6-4L

