



EKDB26-5P

EKDB6-4L

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

- IP65 or IP20 rated protection
- All metal construction
- Quick and easy installation
- Complete Kit

IP65 EV Distribution Board



Reference No.	Description	Ways
EKDB26-5P-AOS-B32	1P+N 32A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD5, IP65, Dark Gray	5
EKDB26-5P-AOS-B40	1P+N 40A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD, IP65, Dark Gray	5
EKDB26-5P-BDS-B40	1P+N 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.

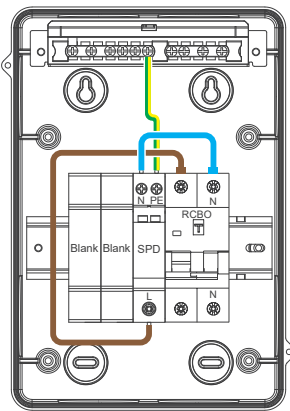
IP20 EV Distribution Board



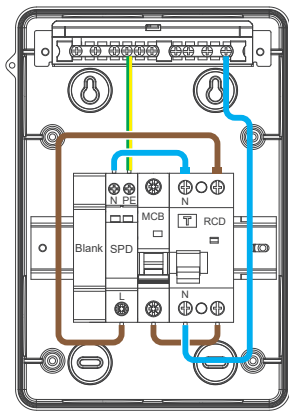
Reference No.	Description	Ways
EKDB6-4L-AOS-B32	1P+N 32A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD5, IP20, White	4
EKDB6-4L-AOS-B40	1P+N 40A 30mA B Curve Type A RCBO + 1PN T2 40kA SPD, IP20, White	4
EKDB6-4L-BDS-B40	1P+N 63A 30mA Type B RCD + 1P 40A B Curve MCB + 1PN T2 40kA SPD, IP20, White	4

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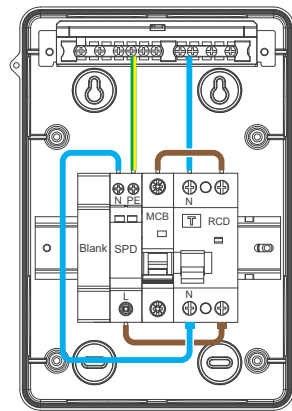
Wiring Diagram



From top to bottom
(RCBO+SPD)

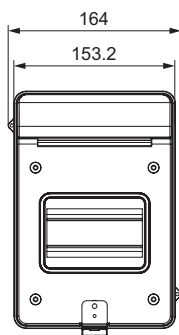


From top to top
(RCD+MCB+SPD)

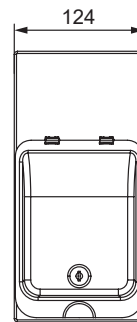
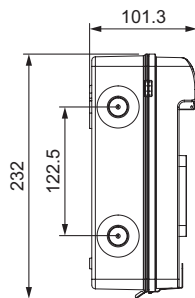


From bottom to bottom
(RCD+MCB+SPD)

Dimension (mm)



EKDB26-5P



EKDB6-4L

