



POWERED BY
:hager

OCULAR

Ocular Indoor EV-DB Solution

SKU: OC-EVDBRES
72 Pole 250A EV-DB
36 Pole Extension Box

*Can be purchased seperately if
required.*

Single Phase Circuit Breaker Solution:

SKU:OC-ADA940T
Type A 40A RCBO

Three Phase Circuit Breaker Solution:

SKU: OC-DB163T
Add-On Block RCCB 3P 63A
Type-A

SKU: OC-MSN340
40A MCB 3P 6KA 3M

Ocular's standardised outdoor distribution board & extension box ensures efficient, reliable and flexible grid connections for all EV charging stations on commercial sites. Simplify installation of the right solution for each Ocular EV Charger.

Main Features

NCC Compliant

Ocular complies with all new National Construction Code standards.

Light Weight and Heavy Duty

Our product is both lightweight, and heavy-duty (IP30 rated).

Perfect Indoor Solution

Our products offers a safe and efficient indoor EV distribution board solution.

Direct Load Management Integration

Direct Load Management integration optimise power regulation.

Lightning Protection

Ensures safe, reliable and compliant operation of EV charging stations.

Variations

Other variations available, please contact Ocular Charging for more info.

Specifications

Part 1

Dedicated EV-DB

Product	EV-DB (Indoor)
Poles	72 Poles + 2 x 8 pole DIN
Rails	2
Modules	16
Regulations	AS/NZ 3000 AS/NZ 61439-3
Rated Current	250A
Rated Voltage	250V
Rated Operational Voltage	415V
Rated Insulation Voltage	690V
Rated Impulse Voltage	4kV
Rated Short Circuit	20kA 0.2sec 40kV peak
Frequency	50Hz
IP Rating	IP30
Dimensions	1235mm (H) x 480mm (W) x 135mm (D)
Weight	31.48kg

Part 2

Extension Set

Product	EV Coms Cabinet (Indoor)
Modules	18
Regulations	AS/NZ 61439-3
Rows	2
Rails	2
IK Rating	IK05
IP Rating	IP30
Dimensions	350mm (H) x 480mm (W) x 140mm (D)
Weight	7.8kg

Features



- Meets AS/NZ 61439-3 Standard
- NCC Compliant with 250A
- Ocular Flexi Active Load Management capable to be installed directly onto DB, or installed with provided enclosure
- 16 Modules
- 2 Rails
- Built with heavy duty steel for longevity
- 2 x 8 pole DINs
- 72 Pole Panelboard
- Capable of servicing 24x1 Phase or 18x3 Phase Chargers
- Indoor protection rating at IP30
- 2 key safety lock



- Meets AS/NZ 61439-3 Standard
- 2 Rails
- Extension set for Network
- Indoor protection rating at IP30
- Protected against mechanical impacts at IK05
- Lightning protected
- Perfect for network management
- OCPP connection for EV Chargers

Add-Ons

Circuit Breakers

Single Phase
Type A 40A RCBO 1P+N



Three Phase
Add-On Block Type A 63A RCCB



Three Phase
40A MCB



Load Control

Static

In-built to Ocular IQ & DC Range.

Please see below for our Ocular IQ Range.

Active

Our Active Load Control can be taken apart to be installed directly onto the EV-DB DIN rails, or installed within provided enclosure.



Ocular IQ Range



Ocular IQ Wallbox

Available in Single Phase & Three Phase, Tethered & Universal.



Ocular IQ Commercial

Available in Single Phase & Three Phase, Tethered & Universal.



Ocular IQ Dual Tower

Available in Single Phase & Three Phase, Tethered & Universal. Optional Credit-Card Module

Add-Ons

Network Accessories



External 4G Modem



8-Port Internet Switch



16-Port Internet Switch



24-Port Internet Switch

CONTACT

FOR MORE INFORMATION

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