



The Electricians' Choice



EV ECOSYSTEM

The End-to-End Charging Solution
From Infrastructure to Plug-In



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Lewden's EV Ecosystem

**One Brand. One Solution. Fully Integrated.
Best in class since 1946**

Lewden offers a complete EV ecosystem for both residential and commercial applications. From power distribution through to the final charging point, our solutions are engineered for system-wide reliability.

Why Choose Lewden?

- **Complete EV Charging Ecosystem**
Infrastructure and chargers, all from one trusted brand.
- **Smart Charging Range**
7.4kW Single Phase and 22kW Three Phase Mode 3 AC Smart Chargers.
- **Residential Solutions**
Consumer units and circuit protection devices tailored for safe and flexible installs.
- **Commercial Solutions**
Feeder pillars and distribution boards built for multi-point charging networks.



Customizable Distribution Cabinets for Multiple EV Charging

Tailor-made to suit your bespoke needs

The Lewden range of EV Feeder Pillars are designed to provide power distribution to multiple EV charging points.

- > The standard range is available in five different current ratings 100A, 125A, 200A, 400A & 630A.
- > Enclosures are manufactured from durable steel finished with textured powder coat, and ingress protection of IP55 (A selection of RAL Colours available) vandal-resistant lockable doors, pre-drilled gland plates for easy termination of armoured cables, a base plinth for stable surface mounting, and an access cover to facilitate cable routing and installation.
- > Internal shielding panels fully shroud electrical connections.
- > Type 2 Surge protection device.



Product Selection table

| Incoming Supply | Outgoing Ways and Ratings | Part Number |
|-----------------|---------------------------|-------------|
| 100A TPN+E | 9 x 7.4kW - 1ph | EV10A*# |
| | 3 x 22kW - 3ph | EV10B*# |
| | 1 x 50kW - 3ph | EV10C*# |
| 125A TPN+E | 12 x 7.4kW - 1ph | EV12A*# |
| | 4 x 22kW - 3ph | EV12B*# |
| | 2 x 43kW - 3ph | EV12C*# |
| 200A TPN+E | 18 x 7.4kW - 1ph | EV20A*# |
| | 3 x 43kW - 3ph | EV20B*# |
| | 12 x 22kW - 3ph | EV40A*# |
| 400A TPN+E | 6 x 43kW - 3ph | EV40B*# |
| | 5 x 50kW - 3ph | EV40C*# |
| 630A TPN+E | 18 x 7.4kW - 3ph | EV63A*# |
| | 10 x 43kW - 3ph | EV63B*# |
| | 7 x 50kW - 3ph | EV63C*# |

* = Construction Material
= Incoming Device

* Option - Zintec Mild Steel = Z or Stainless Steel = S
Option - Switched Disconnecter = D or MCCB = M

Ordering Example : EV10AZD

Ordering Example: EV10AZD (Explanation of Example EV10A with Zintec Steel + Switched Disconnecter).

All Pillars are equipped with Type 2 Surge and Anti Condensation Heaters as standard.






Customize as you wish!

An additional Stainless steel root attachment is available for mounting onto the base of any standard cabinet, allowing for the pillar to be secured to the root which has been embedded into the ground during construction, and providing a large open cable duct beneath the feeder pillar.

Root Attachment

| Part.no | Suitable for Feeder Pillar codes |
|---------|---|
| EVFPS1 | EV10C |
| EVFPS2 | EV10A EV10B EV12A EV12B EV12C EV20A EV20B |
| EVFPS3 | EV40A EV40B EV40C EV63A EV63B EV63C |

Colour finish options - Free of charge

| | | | | |
|---|--|---|---|---|
|  |  |  |  |  |
| Moss Green RAL6005 Standard colour | Light Grey RAL7035 | Dark Grey RAL7011 | Jet Black RAL9005 | High Visibility Orange RAL2000 |



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PRO RCBO Based Solution

NEW

Enhanced Surge Protection

Models featuring pre-installed surge protection now include our brand-new SRT2B surge device. This innovative surge device connects directly to the comb busbar and eliminates the need for a dedicated MCB, giving you one additional useable way.

Simplified Part Numbers

Now, part numbers will identify:

- Total number of useable ways
- Round or square knockouts
- Consumer unit arrangement
- Finish colour

FREE Accessories Package

Every unit now includes additional accessories at no extra cost:

- Mains tails clamp
- Rear entry cable grommet
- DIN rail modular blank

RCBO Consumer Units with Type 2 Surge Protection

- Configured with 100A DP Main Switch
- New **SRT2B Type 2 Surge Protection Device** connects directly to the comb busbar and eliminates the need for a dedicated MCB, giving you **one additional useable way**
- **Free** accessories included (a main tails clamp, a rear grommet, a DIN rail blank)



| Knockout Arrangement | Part Number | Useable Ways | Enclosure Size (Modules) |
|----------------------|--------------|--------------|--------------------------|
| | PRO-S06W-R1S | 6 | 9 |
| | PRO-S08W-R1S | 8 | 11 |
| | PRO-S10W-R1S | 10 | 13 |
| | PRO-S14W-R1S | 14 | 17 |
| | PRO-S19W-R1S | 19 | 22 |
| | PRO-R06W-R1S | 6 | 9 |
| | PRO-R08W-R1S | 8 | 11 |
| | PRO-R10W-R1S | 10 | 13 |
| | PRO-R14W-R1S | 14 | 17 |
| | PRO-R19W-R1S | 19 | 22 |



| Knockout Arrangement | Part Number | Useable Ways | Enclosure Size (Modules) |
|----------------------|--------------|--------------|--------------------------|
| | PRO-R10B-R1S | 10 | 13 |
| | PRO-R19B-R1S | 19 | 22 |

Discover Our Complete Range of PRO Consumer Units and Circuit Protection Devices!

Scan the QR Code to explore our complete range of Circuit Protection Devices



PRO offers a stylish, ergonomic, and non-obtrusive consumer unit design, paired with a comprehensive range of circuit protection devices and accessories to meet the needs of every installation.




Electric Vehicle Power Distribution Solution

A range of consumer units designed for residential retrofitting applications where EV CHARGERS are to be added to an existing installation. Available with the option of Type A or Type B RCCB's and 40A MCBs making them compatible with 7.4kW EV Chargers.

- Suitable for use with 7.4kW residential EV chargers.
- 63A 30mA RCCBs available in Type A and B, providing isolation of both Live conductors.
- Available pre-fitted with T2 SPD.
- Meets the requirements of Section 722 of BS7671.


▲ 40A with Type A RCCB



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|---|-------------|--|--------------------------|
|  | PRO-REV40A | - 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB | 5 |


▲ 40A with Type A RCCB & Surge Protection



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|---|-------------|--|--------------------------|
|  | PRO-REV40AS | - 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD | 9 |


▲ 40A with Type B RCCB



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|---|-------------|--|--------------------------|
|  | PRO-REV40B | - 40A 6kA B Curve MCB - 63A 2P 30mA Type B RCCB | 5 |

▲ 40A with Type B RCCB & Surge Protection



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|---|-------------|--|--------------------------|
|  | PRO-REV40BS | - 40A 6kA B Curve MCB - 63A 4P 30mA Type B RCCB - Type 2 SPD | 9 |



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▲ 40A with Type A RCCB & Surge Protection (Polycarbonate - IP65)



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|----------------------|--------------|--|--------------------------|
| | IP65-REV40AS | <ul style="list-style-type: none"> - 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD - IP65, weatherproof | 6 |

▲ 40A with Bi-directional RCBO Surge Protection (Polycarbonate - IP65)



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|----------------------|--------------|--|--------------------------|
| | IP65-4BR40AS | <ul style="list-style-type: none"> - 40A 6kA B Curve MCB - 40A Bi-directional RCBO 30mA type A - Type 2 SPD - IP65, weatherproof | 6 |

▲ 40A with Type A RCCB & Surge Protection (Metal - IP65)



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|----------------------|---------------|--|--------------------------|
| | PRO65-REV40AS | <ul style="list-style-type: none"> - 40A 6kA B Curve MCB - 63A 2P 30mA Type A RCCB - Type 2 SPD - IP65, weatherproof | 6 |

▲ 40A with Bi-directional RCBO Surge Protection (Metal - IP65)



| Knockout Arrangement | Part Number | Description | Enclosure Size (Modules) |
|----------------------|---------------|--|--------------------------|
| | PRO65-4BR40AS | <ul style="list-style-type: none"> - 40A 6kA B Curve MCB - 40A Bi-directional RCBO 30mA type A - Type 2 SPD - IP65, weatherproof | 6 |

Scan the QR code to explore our range of EV Consumer Units.



Sub distribution

▲ 100A DP metal fused switch

- Main switch or RCCB incomer options
- Supplied complete with 63A, 80A, and 100A gG fuses IEC60269-2 (BS88-2) Ø22x58mm
- Easily configurable for top or bottom entry of incoming supply cables
- 3 way Earth bar 25mm²



| Part Number | Rated Current | Rated Voltage | Fuse Rating | Incomer |
|-------------|---------------|---------------|-------------------|-----------------------------------|
| FS | 100A | 230VAC | Fuse not included | Main Switch 100A DP |
| FS6380100 | 100A | 230VAC | 63A,80A,100A | Main Switch 100A DP |
| FS63 | 100A | 230VAC | 63A | Main Switch 100A DP |
| FS80 | 100A | 230VAC | 80A | Main Switch 100A DP |
| FS100 | 100A | 230VAC | 100A | Main Switch 100A DP |
| FR6380100 | 100A | 230VAC | 63A,80A,100A | RCCB 100mA class A (Time Delayed) |

Replacement fuses are available for FS6380100

• 63A- Part number: F063A • 80A- Part number: F080A • 100A - Part number: F100A

▲ Electricity isolator switch

- Available in a 2 module enclosure complete with a 100A DP Main Switch and a 100A 100mA time-delayed RCCB, or in a 4-module enclosure complete with a 100A 4P Main Switch.
- Ingress rating IP20 IK07
- Designed for use with 16mm² & 25mm² double insulated meter tails type 6181Y



| Part Number | Enclosure modules | Terminal Type | Main Switch |
|-------------|-------------------|------------------|-----------------------------------|
| SLM2-DS | 2 | 2 screws | 100A DP |
| SLM2-MS | 2 | standard 1 screw | 100A DP |
| SLM4-MS | 4 | standard 1 screw | 100A 4P |
| SLM2-100mAS | 2 | - | RCCB 100mA Class A (Time delayed) |

▲ 80A Domestic Service Fused Switch

- Double Pole Switch / Insulated Thermosetting Polymer Enclosure
- Supplied complete with 80A type ME fuse and cable duct



| Part Number | Rated Current | Rated voltage | Utilisation Category | Fuse | Dimensions H x W x D (mm) |
|-------------|---------------|---------------|----------------------|---------------------|---------------------------|
| MSF | 80A | 230VAC 50Hz | AC21 | IEC60269-3 (BS88-3) | 80 x 127 x 54 |

| Part Numbers | Descriptions |
|--------------|--------------------------------|
| MSF-CD | MSF100(CD) cable duct for MSF1 |

*Replacement fuses available, Part Number: ME080A (Breaking capacity 33kA 415 VAC).

▲ Distribution Terminal Blocks

Now designed with **3mm Allen screw terminals**, simplifying installations by requiring just one 3mm Allen key for all connections.

- 5 Way Single Pole Distribution Terminal Blocks - 100A <690VAC • Can accept up to 5 conductors with a generous cable capacity from 2.5 to 35mm².
- Dual screw terminations to ensure secure and reliable connections • Ingress Protection IP20; 960°C glow wire tested • Secure cover with wire locking capability • Colour coded for easy identification. • Sold in a box quantity of 5 per colour



| Part Number | Colours | Dimensions H x W x D (mm) |
|-------------|-------------------------|---------------------------|
| DT1005BR | Brown (L1) | 68 x 50 x 43.5 |
| DT1005BK | Black (L2) | 68 x 50 x 43.5 |
| DT1005GY | Grey (L3) | 68 x 50 x 43.5 |
| DT1005BL | Blue (N) | 68 x 50 x 43.5 |
| DT1005GN | Green (Earth) | 68 x 50 x 43.5 |
| DT1005PK | Pink (Functional Earth) | 68 x 50 x 43.5 |



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SIENA[®]

EASY FIT • SMARTER CHARGE

Siena is Lewden's premium AC Mode 3 smart EV charger—designed with the installer in mind and powered by Monta for next-gen energy control. With fast charging, intelligent features, and robust safety built in, Siena is the complete solution for residential and commercial EV installs.

- Compatible with all Type 2 EVs & PHEVs
- Sleek, minimalist design
- Solar charging integration (7.4kW)
- Built-in PEN fault protection (no earth rod required)
- LED Charge Status Indicator
- Fully compliant with UK Smart Charging Regulations
- OZEV & ENA approved

● Versions

7.4kW Single phase un-tethered socket outlet with PEN Fault Protection

Part Number: 672150

7.4kW Single phase tethered outlet with 5m charging cable with PEN Fault Protection

Part Number: 672151

7.4kW Single Phase un-tethered socket outlet without PEN Fault Protection

Part Number: 672152

7.4kW Single Phase tethered socket outlet without PEN Fault Protection

Part Number: 672153

22kW Three phase un-tethered socket outlet with PEN Fault Protection

Part Number: 672350

22kW Three Phase un-tethered socket outlet without PEN Fault Protection

Part Number: 672352



Scan the QR code for more information

● Included in the box



2x RFID Access Control Fobs

Part number: 672900



Split Core Current Transformer

Part number: 672901

7.4kW includes 1x CT Core

22kW includes 3x CT Core



4x Rubber Screw Covers

Part number: 672917



Also included:

- Drilling template
- Wall fixing kit
- Quick start guide

*All accessories are included in the box but can also be purchased separately.



EASY INSTALLATION

Quick-Fit Back Plate

Rigid and detachable. Makes wiring simple and secure. Large cage clamp terminals reduce installation time. Just dock the charger onto the plate and fix in place. A smooth and efficient process.



BUILT-IN SAFETY

Child-Proof Socket Shutters

Protects against accidental contact. Extra safety for homes with children.



TIDY & PRACTICAL

Smart Cable Storage

Wrap the cable around the unit. No mess, no trip hazards.

Tethered Option with 5m Cable:

Includes built-in holster. Keeps the charging gun secure and the cable off the ground.



WEATHER-READY DESIGN

Durable & Weatherproof

IP55 rated. Made to perform reliably in all weather conditions.



LOW ENERGY USE

Just 4W Standby Power

Minimal energy draw when idle. Keeps running costs low.

Smart Control



LEWDEN CONNECT APP for easy commissioning

- Free to use.
- Enables basic settings and network configuration.
- View charging history and fault logs.
- Includes Electrician Test Mode for streamlined commissioning.
- **Monta charge mode:** Full smart charging functionality.
- **Free charge mode:** Plug in and charge with no restrictions.
- **RFID charge mode:** Plug in and charge with user access control.



MONTA APP for smart charging

- Free to use for home charging.
- Commercial solutions available for multi-charger sites (subscriptions may apply).
- Simple onboarding for warranty registration, remote support, and firmware updates.
- Schedule charge times or set completion deadlines.
- Apply charging rules for lowest cost, low CO₂, or high renewable energy availability.
- Use **PowerBank mode** to support the grid and earn Monta Wallet credits.
- Set charge amount (kWh), or charge immediately when needed.
- Simplified onboarding for warranty, support, and updates.



Technical support

Lewden EV Support Engineer
WhatsApp Support Line
+44 (0) 7764 293 501
evcharging@lewden.co.uk

Lewden
Connect App



Technical support

- Online Guides: <https://monta.com/en/help-center/>
- Customer Contact: <https://monta.com/en/contact/>
- Within Monta App: /me/support

Monta App



The Electricians' Choice

Connecting all the dots in the **EV Ecosystem**



100A DP metal fused switch

- Available in choices of 63A, 80A, 100A.



SLM2-MS

- Available in 2 module enclosure complete with 100A DP Main Switch - suitable for domestic use. Also available in 4 module enclosure for commercial use.
- Ingress rating IP20 IK07.
- Designed for use with 16mm² & 25mm² double insulated meter tails type 6181Y.



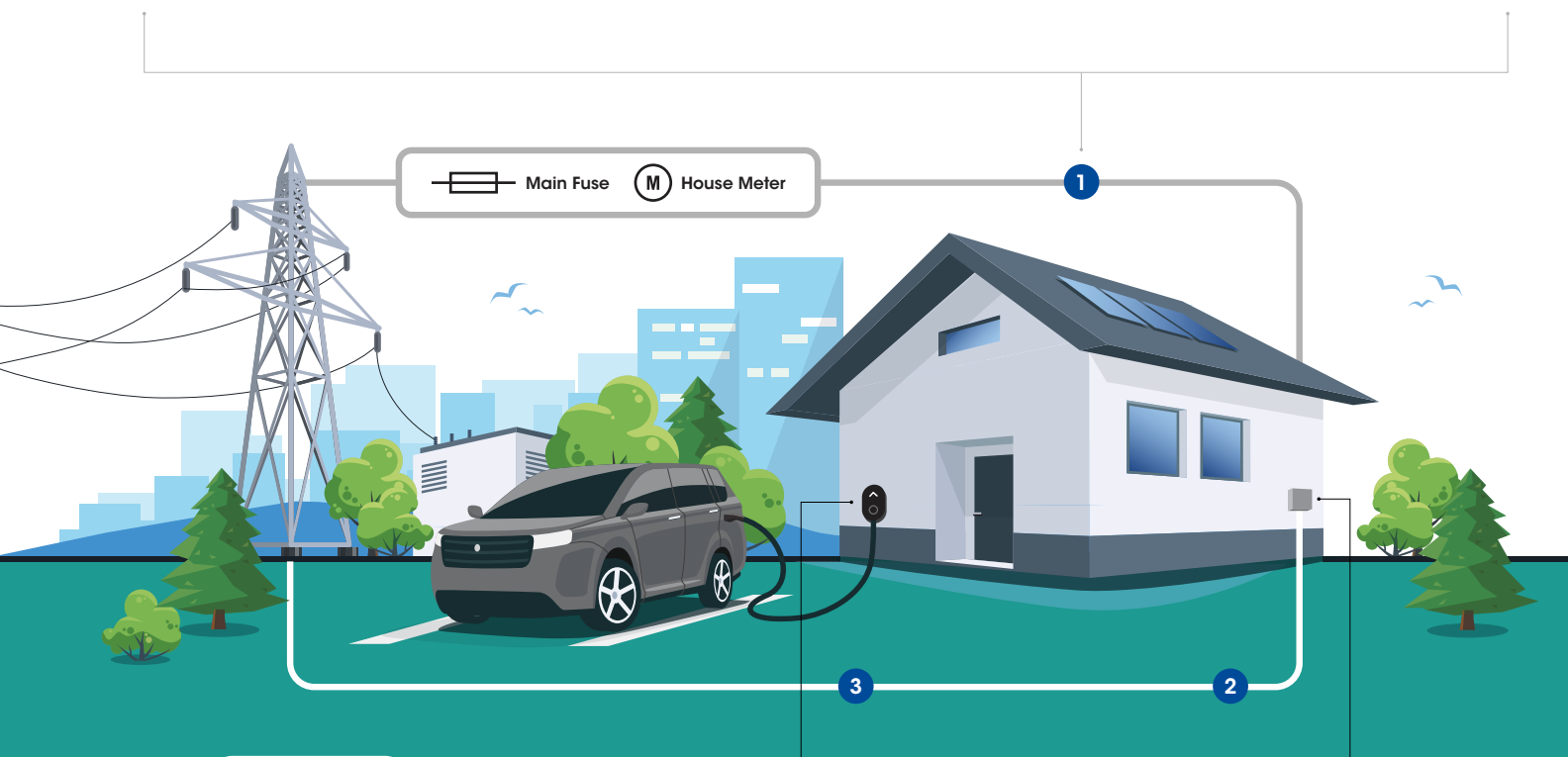
Distribution terminals

- 6 different colour-coded terminals for quick identification of phase, neutral, earth and functional Earth connections.



Main Consumer Unit

- Variety of solutions in our extensive Consumer units range. Choose from Dual RCD solutions, RCBO solutions, RCD Incomer solutions, Dual Tariff boards, Retrofit surge protection range and more.



Scan the QR Code to
Explore our EV SOLUTIONS!

SIENA

- 7.4kW Single Phase and 22kW Three Phase AC 32A Chargers.
- Mode 3 EV Fast Smart Charging Point.
- Open Charge Point Protocol 1.6.



EV Consumer Unit

- Populated with a 100A 2P main switch, a type 2 surge protection device, and a B40A 1P 6kA MCB, plus a bi-directional Type A 30mA RCD.
- IP65-rated.
- Available in metal and polycarbonate enclosures.





Bi-directional RCBOs

- 6kA range - TYPE A, B-Curve Bidirectional RCBOs.
- Available in 6A - 40A current ratings.



MCBs

- 6kA range is available in 1/2/3/4 Poles in B & C trip curves from 6A-63A.
- 10kA range is available in 1/2/3 Poles in B/C/D trip curves from 6A-63A current ratings.



Main switch

- Available in 2 Pole for 6kA range and 3/4 Pole for 10kA range.



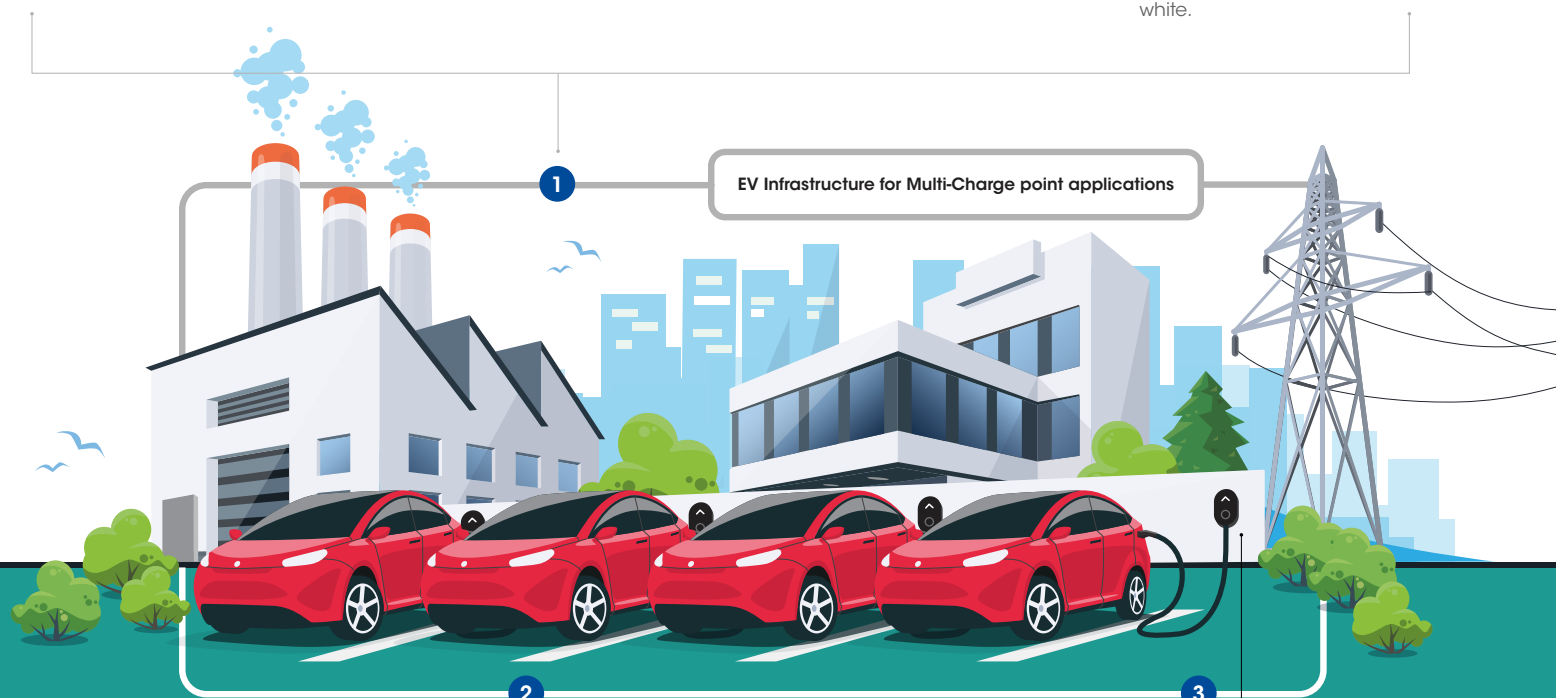
SPDs

- Type 1 and Type 2 surge protection devices designed for various applications - suitable for single or three-phase applications.
- They are compatible with both TN (TN-S & TN-C-S) and TT earthing arrangements.



TP&N Distribution Boards

- Designed & Engineered in the UK
- Four modular sizes available: 4, 8, 12 & 16 TP outgoing ways.
- Compatible with the 6kA & 10kA circuit protection range.
- All steel construction finished with a powder coating in RAL9003, white.



EV Feeder Pillars

- Customizable Distribution Cabinets for Multiple EV Charging.
- The standard range is available in five different current ratings 100A, 125A, 200A, 400A & 630A in Metal or GRP.
- We CUSTOMIZE AS YOU WISH!



SIENA

- 7.4kW Single Phase and 22kW Three Phase AC 32A Chargers.
- Mode 3 EV Fast Smart Charging Point.
- Open Charge Point Protocol 1.6.



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Wholesale Partnerships
Development Manager



| Midlands | | Northern Ireland | | South West & Wales | | London South & South East | | London North & East Anglia | | Scotland | | North | |
|---------------|----|------------------|----|--------------------|----|---------------------------|----|----------------------------|--|----------|--|-------|--|
| Mikesh Mistry | LN | Core Electrical | BT | BA | BN | AL | HS | BB | | | | | |
| | NG | | | BH | BR | CB | IV | BD | | | | | |
| | LE | | | BS | CR | CM | AB | BL | | | | | |
| | NN | | | DT | CT | CO | PH | CA | | | | | |
| | CV | | | EX | DA | E | DD | DH | | | | | |
| | B | | | GL | GU | EN | PA | DL | | | | | |
| | DE | | | GY | KT | HA | FK | DN | | | | | |
| | DY | | | JE | ME | HP | KY | HD | | | | | |
| | ST | | | PL | PO | IG | KA | HG | | | | | |
| | TF | | | SN | RG | IP | G | HU | | | | | |
| WR | SP | RH | LU | EH | HX | | | | | | | | |
| WS | TA | SE | MK | TD | L | | | | | | | | |
| WV | TQ | SL | N | KA | LA | | | | | | | | |
| | TR | SM | NR | DG | LS | | | | | | | | |
| | OX | SO | NW | IM | M | | | | | | | | |
| | | SW | RM | | NE | | | | | | | | |
| | | TN | SG | | OL | | | | | | | | |
| | | TW | SS | | PR | | | | | | | | |
| | | UB | WD | | S | | | | | | | | |
| | | EC | WT | | SK | | | | | | | | |
| | | WC | | | TS | | | | | | | | |
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