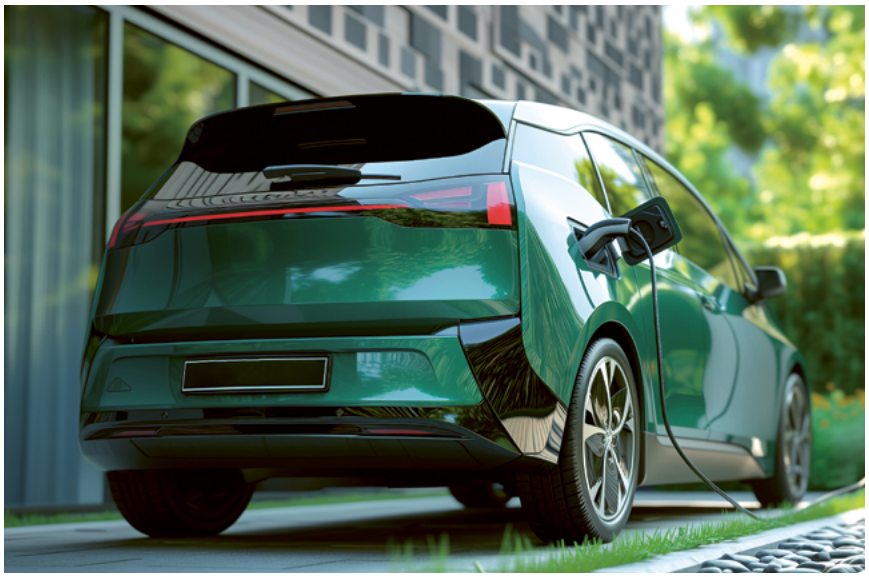
Adler Electric®

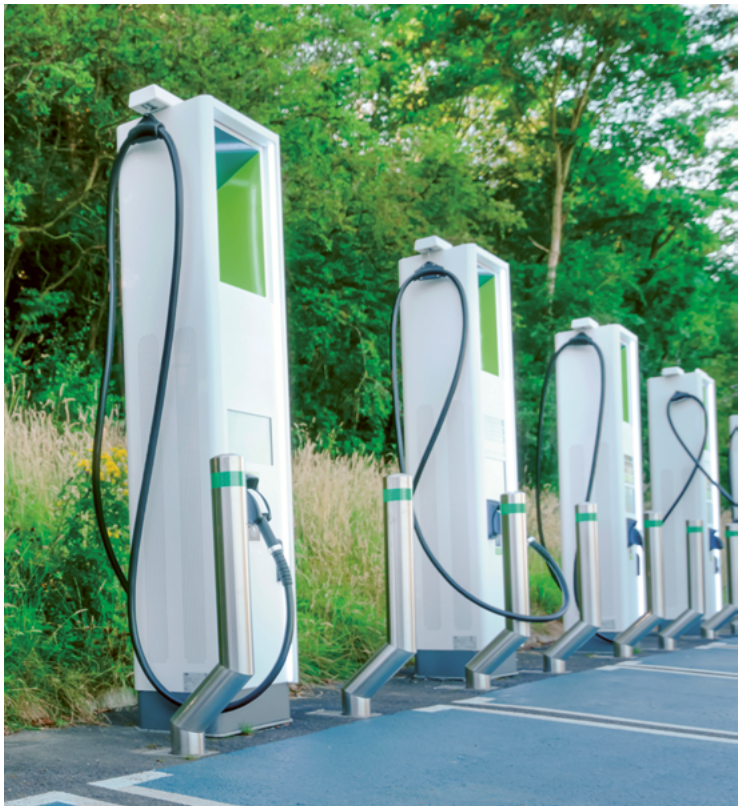
Safeguard for New Energies.

Fast-acting Fuses and System Protection for Automotive / Electric Vehicles and EVSE / Charging Equipment

Our Solutions for Electromobility

Adler EV / EVSE fuses are specially engineered and tested to provide best-in-class protection for electric / hybrid electric vehicles and charging infrastructure projects. Our high-performance DC fuses meet the stringent requirements and standards of the electric vehicle and charging industries, including UL and TÜV certifications. They provide ultra-high current protection for automotive, battery, and alternator applications as well as for other heavy-gauge cables.





Electric Vehicle (EV) Protection

AE4
Rated Voltage: 200 Vdc / 275 Vac

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 10–63 A
Breaking Capacity: 10 kA, 20 kA
Certified: In Progress
Size: 10x26 mm

AE2
Rated Voltage: 500 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 10–50 A
Breaking Capacity: 20 kA
Certified: UL & TÜV
Size: 10x38 mm

EF3
Rated Voltage: 150 / 200 / 250 / 315 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 100–700 A
Breaking Capacity: 50 kA
Certified: UL
Size: 36x22 / 36x37 mm

EF5
Rated Voltage: 500 Vdc / 420 Vac

Ref Spec: UL 248-20
Rated Current: 100–400 A
Breaking Capacity: 50 kA
Certified: UL
Size: 49x22 / 49x36 mm

AE5
Rated Voltage: 500 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 50–800 A
Breaking Capacity: 30 kA, 50 kA
Certified: UL & TÜV
Size: 21x40 / 25x44 / 31x53 / 38x53 / 51x53 mm

EF8
Rated Voltage: 800 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 60–800 A
Breaking Capacity: 50 kA
Certified: UL
Size: 57x22 / 57x36 mm

AE3
Rated Voltage: 850 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 5–50 A
Breaking Capacity: 20 kA
Certified: UL
Size: 10x38 mm

AE7
Rated Voltage: 800 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 60–800 A
Breaking Capacity: 50 kA
Certified: UL
Size: 25x66 / 38x72 / 51x72 mm

AE6
Rated Voltage: 1000 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 5–70 A
Breaking Capacity: 30 kA, 50 kA
Certified: UL & TÜV
Size: 10x38 / 14x51 / 14x65 / 22x65 mm

AEX
Rated Voltage: 1000 Vdc

Ref Spec: UL 248-20, ISO 8820-8
Rated Current: 70–800 A
Breaking Capacity: 50 kA
Certified: UL & TÜV
Size: 25x72 / 31x72 / 38x72 / 51x72 / 64x72 mm

Adler Electric®

Electric Vehicle (EV) Protection (cont.)

EFX — Rated Voltage: 1000 Vdc

Ref Spec: UL 248-20
Rated Current: 63–500 A
Breaking Capacity: 50 kA
Certified: UL
Size: 74x22 / 74x36 / 71x47 mm

ATX — Rated Voltage: 800/1000 Vdc / 1300 Vac

Ref Spec: UL 248-20, IEC 60269-4
Rated Current: 160–1400 A
Breaking Capacity: 50 kA, 100 kA
Certified: UL & TÜV
Size: 80x51 / 80x59 / 81x74 mm

EFX — Rated Voltage: 1000 Vdc

Ref Spec: UL 248-20, IEC 60269-4
Rated Current: 550–1100 A
Breaking Capacity: 50 kA
Certified: In Progress
Size: 81x59 / 80x74 mm

EFZ — Rated Voltage: 1500 Vdc

Ref Spec: UL 248-20
Rated Current: 100–300 A
Breaking Capacity: 30 kA
Certified: UL & TÜV
Size: 84x43 mm

PF6 — Rated Voltage: 600 Vdc

Ref Spec: LV124, AK-LV16
Rated Current: 600 A
Breaking Capacity: 20 kA
Certified: In Progress
Size: 45x71 mm

PFX — Rated Voltage: 1000 Vdc

Ref Spec: LV124, AK-LV16
Rated Current: 600–800 A
Breaking Capacity: 15 kA
Certified: In Progress
Size: 60x78 mm

EVSE Charging Protection

AT1
Rated Voltage: 150 Vdc

Ref Spec: UL 248-13, UL 248-20
Rated Current: 20–200 A
Breaking Capacity: 20 kA
Certified: UL
Size: 18x25 mm

AT2
Rated Voltage: 250 Vdc

Ref Spec: UL 248-13, UL 248-20
Rated Current: 200–500 A
Breaking Capacity: 10 kA
Certified: In Progress
Size: 38x35 mm

AT5
Rated Voltage: 500 Vdc

Ref Spec: UL 248-13, UL 248-20
Rated Current: 60–400 A
Breaking Capacity: 20 kA
Certified: UL
Size: 30x50 / 38x50 mm

AT7
Rated Voltage: 800 Vdc

Ref Spec: UL 248-13, UL 248-20
Rated Current: 125–400 A
Breaking Capacity: 20 kA
Certified: UL
Size: 38x70 mm

AT8
Rated Voltage: 800 Vdc

Ref Spec: UL 248-13, UL 248-20
Rated Current: 50–200 A
Breaking Capacity: 10 kA, 20 kA
Certified: UL
Size: 18x68 / 30x65 mm

ATX
Rated Voltage: 1000 Vdc

Ref Spec: UL 248-13, UL 248-20
Rated Current: 250–600 A
Breaking Capacity: 50 kA
Certified: UL
Size: 38x68 / 81x68 mm

EV Fuse Holders

BH114
Rated Voltage: 1100 Vdc

Rated Current: 30A, 50 A
Torque: 2,3 Nm
Fuse Size: 10x38 mm

BH214
Rated Voltage: 1000 Vdc

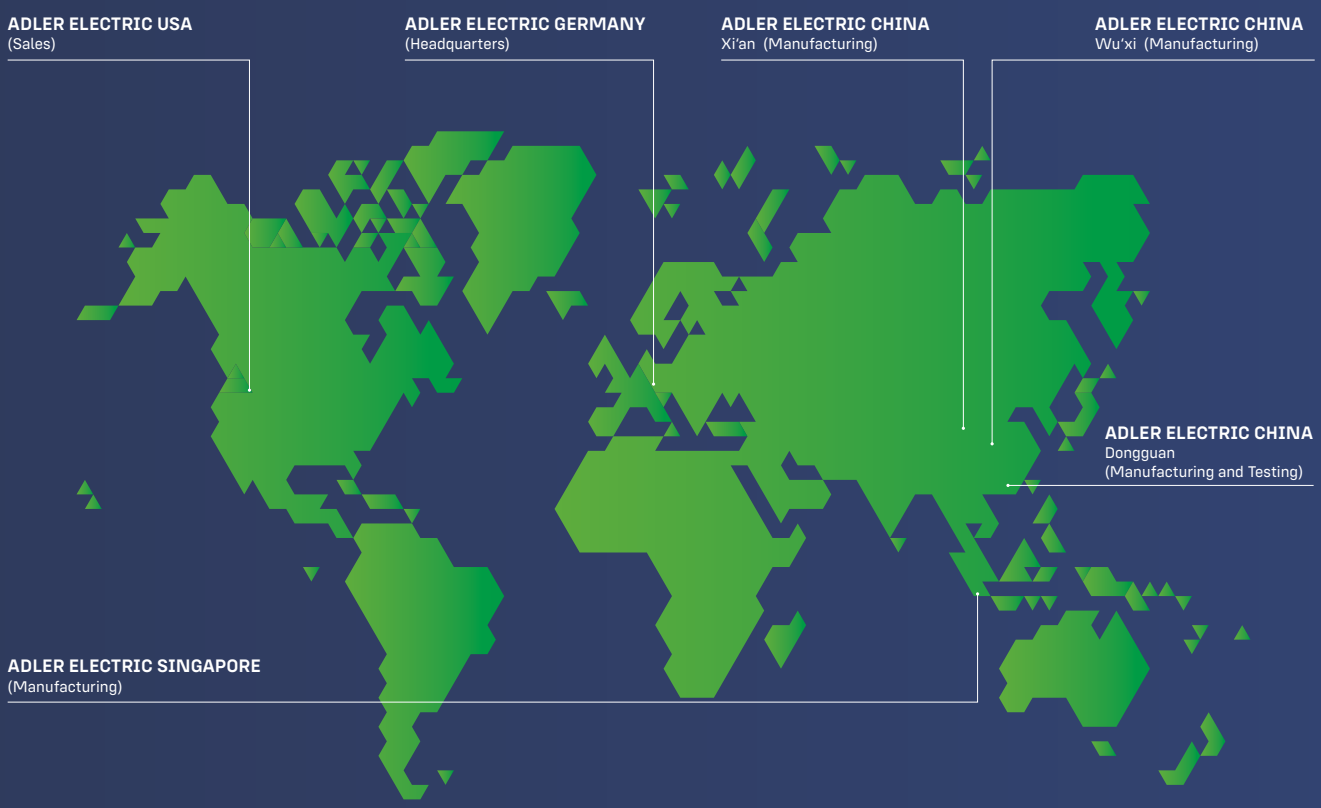
Rated Current: 100 A
Torque: 4 Nm
Fuse Size: 14x51 mm

BHR
Rated Voltage: 65 / 100 / 120 Vdc

Connection: M5, M8, M10
Bolt Distance: 30–61 mm

BFR
Rated Voltage: 1000 Vdc / 1000 Vac

Connection: M6, M8, M10
Bolt Distance: 43–116 mm



Our Global Presence:

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Version: May 2026