

## RADOX® Automotive Connectivity System (2 Pole)

### Application

High-voltage connections for electric vehicles

### Benefits

- High ampacity
- Compact
- 360° screen connection
- Vibration-resistant
- Resistant to extreme temperatures
- Corrosion-resistant
- IP67 & IP6K9K



### Technical Data

#### Electrical Data

Voltage rating	1000 V DC
Rated current	up to 450 A @ 85°C (95mm <sup>2</sup> )
Screen resistance	< 7 mΩ
Insulation resistance	> 100 MΩ

#### Mechanical Data

Vibration and shock resistance	ISO16750-3 (300 m/s <sup>2</sup> ; 6 ms; half-sinusoidal)
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#### Environmental Data

Operating Temperature Range	-40°C to +125°C
Sealing	IP6K9K / IP67
Corrosion resistance	336 hours (ISO16750-4; severity 4)

#### Available for

Cable Cross Section	Single-Core: 2.5, 4, 6, <b>8</b> , 10, 12, 16, <b>20</b> , 25, 35, <b>40</b> , 50, <b>60</b> , 70, 95mm <sup>2</sup>
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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 und IRIS

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#### Waiver

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.