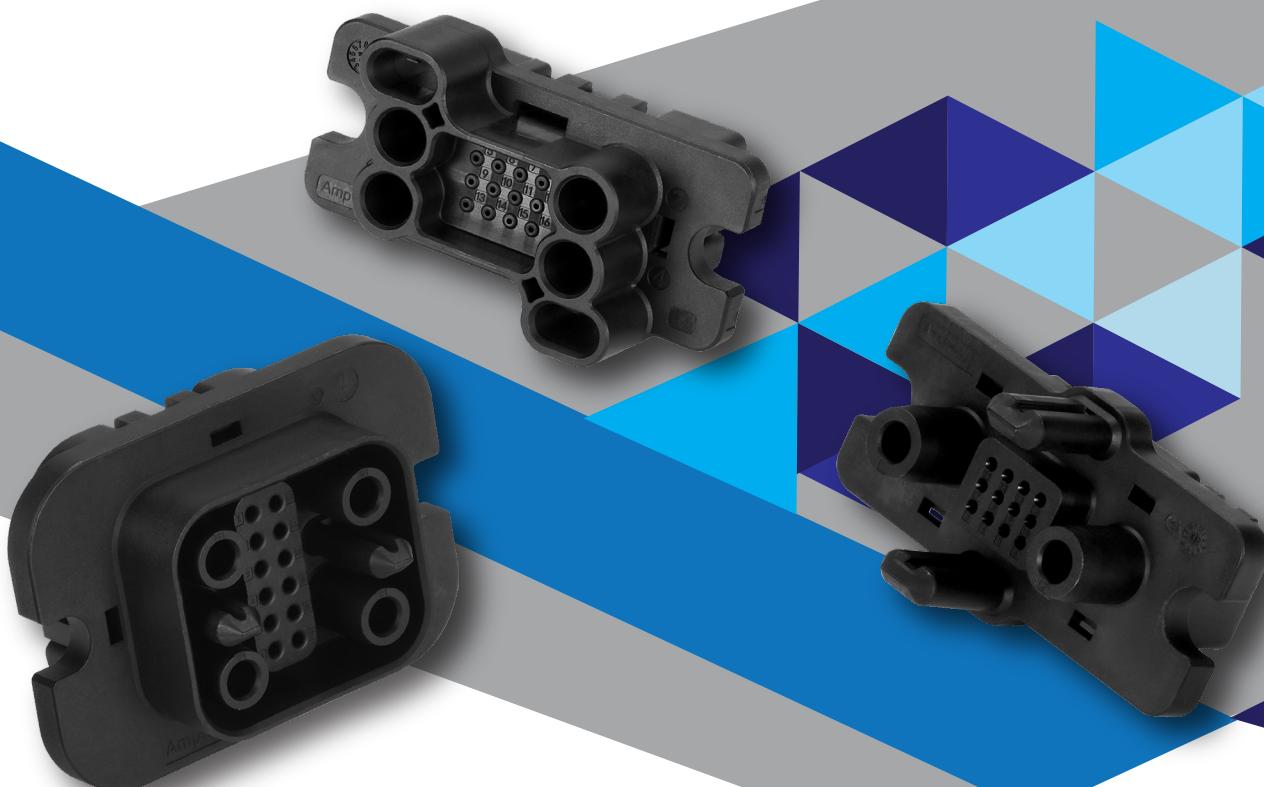


# Amphenol

Industrial



The Amphenol Industrial Floating Mate connector series is designed for reliable and efficient connections in demanding energy storage and industrial applications. With advanced RADSOK® technology and floating mount capabilities, these connectors provide high current ratings, robust mechanical performance, and flexibility in installation, making them an ideal choice for engineers and system integrators.



## Market Focus

### Energy Storage Systems



Power Your Innovations with Reliability



**Amphenol**  
Industrial

## Key Features

- High Current Capability: RADSOK® technology power pins support up to 120A [4+12, 2+12] and 50A [4+12 Mini] of current, ensuring efficient power delivery.
- Safety and Reliability: Finger-proof design and first-mate, last-mate functionality enhance safety during operation.
- Ease of Installation: Integral guide pins correct misalignment, and optional floating mounts reduce stress during blind mating, providing ease of installation.
- Durability: Rated for up to 200 mating cycles [2+12 version] and operational in temperatures ranging from -40°C to 125°C, these connectors are built to withstand harsh environments.
- Compliance: UL/TUV certification ensures that the connectors meet stringent industry standards.

## Product Series Comparison

	4+12	2+12	4+12 Mini
Voltage Rating	1000VDC/200VDC	1000VDC/200VDC	1500VDC/300VDC
Current Rating	120A/5A	120A/3A	65A/3A
Temperature Rise	45K	45K	45K
Mating Cycles	100	100	100
Floating Space	2.4mm	2.4mm	2.4mm
Flammability Rating	94 VO	94 VO	94 VO
Cable Specs (power)	25mm²/16mm²	16SQmm/25SQmm	10SQmm/6SQmm/4SQmm
Cable Specs (signal)	16-22 AWG	20-22 AWG	20-22 AWG