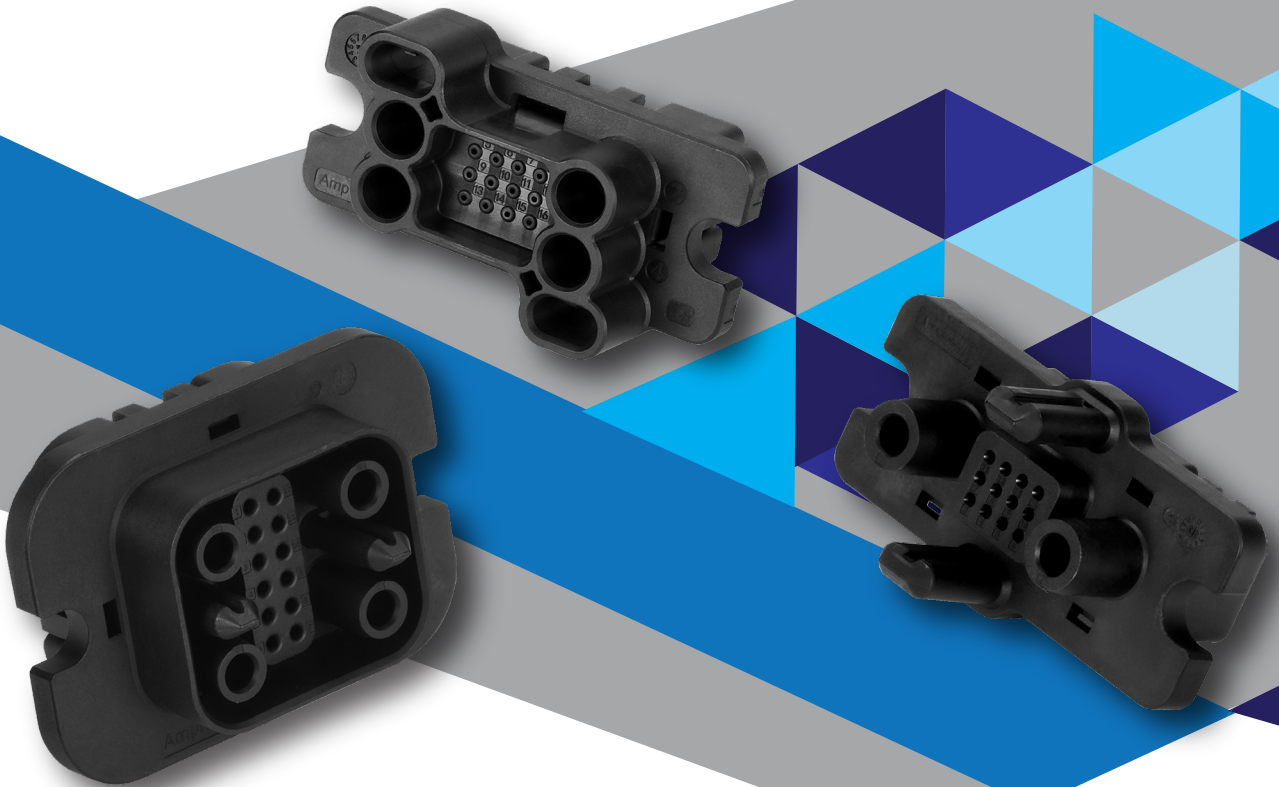


# Amphenol Industrial



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.

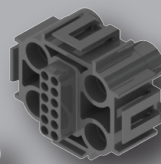


## Market Focus

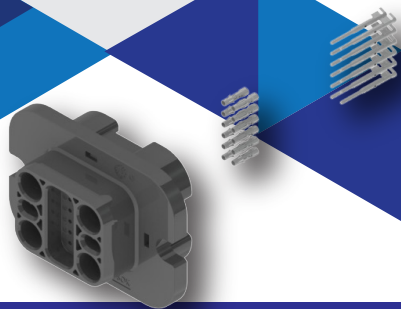
### Energy Storage Systems








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 V0	94 V0	94 V0
Cable Specs (power)	25mm <sup>2</sup> /16mm <sup>2</sup>	165Qmm/255Qmm	105Qmm/65Qmm/45Qmm
Cable Specs (signal)	16-22 AWG	20-22 AWG	20-22 AWG