



THE STRONGEST LINK.



**ENGINEERED FOR EXCELLENCE.
DESIGNED FOR SUSTAINABILITY.**

Stainless Steel Terminal Boxes 8151

SUSTAINABLE STRENGTH FOR THE WORLD'S TOUGHEST ENVIRONMENTS

In today's demanding industrial environments, electrical enclosures are more than just protective housings—they're the first line of defence, safeguarding critical components from harsh conditions and ensuring long-term reliability.

Whether on offshore platforms, in chemical plants, manufacturing sites, or extreme climates, enclosures must endure environmental stress while delivering consistent performance. But not all are built for this.

WHAT IF LESS STEEL MEANT MORE IMPACT?

- **Steel production accounts for nearly 8% of global CO₂ emissions.** That's more than the entire aviation industry! By reducing material usage, the 8151 series helps industries cut down their carbon footprint while maintaining maximum durability.
- **A lighter enclosure means lower transportation emissions.** Fewer materials = less energy used in shipping, making logistics greener and more efficient.
- **Smarter design, same strength.** Despite using less steel, the 8151 maintains **IK09 impact resistance** and **IP66 protection**, proving that sustainability doesn't mean sacrificing durability.

Corrosion, temperature extremes, impacts, dust, and water can lead to rapid wear, failures, and costly downtime.

The 8151 Stainless Steel Terminal Box stands apart. Engineered for the toughest conditions, it combines advanced durability, material efficiency, and high protection standards—helping industries stay resilient, efficient, and aligned with sustainability goals without compromising performance.



SHIELDED AGAINST EVERY ELEMENT



WATER? DUST? SUNLIGHT? CORROSION? BRING IT ON.

- IP66 ensures complete protection against powerful water jets and damaging UV rays from direct sunlight. Whether it's a tropical storm, high-pressure washdowns, or prolonged exposure to harsh sunlight, the 8151 enclosure stays sealed and protected. Industries like oil & gas, marine, and food processing, where exposure to moisture, dust, and intense sunlight is frequent, demand IP66. Without it, equipment could face catastrophic failures.
- Corrosion-resistant = Longer lifespan. The 8151's stainless steel composition not only ensures maximum durability in salt-heavy coastal environments but also eliminates the need for periodic paint maintenance typically required for other materials.



BECAUSE INDUSTRIAL ENVIRONMENTS DON'T PLAY NICE.

- IK09 means resistance to 10 joules of impact. That's like dropping a 5 kg mass from 200mm directly onto the enclosure—ensuring that the function and explosion protection are fully retained.
- Mechanical impacts are the #1 cause of enclosure failures. Accidental knocks, tool drops, or forklift collisions can damage the functionality of standard enclosures. Not this one. IK09 ensures uninterrupted performance in high-risk zones. Whether it's a busy production floor or an environment with potential mechanical disturbances, the 8151 is built to maintain operational integrity.



FROM -60°C TO +135°C. UNSTOPPABLE IN ANY CLIMATE

- The 8151 Series performs from -60°C to +135°C, with advanced steel and gasket design that resists brittleness in cold and expansion in heat — maintaining full structural integrity.
- From Arctic oil rigs to desert heat, it delivers reliable protection and continuous operation in the most extreme conditions.



WHY CHOOSE STAINLESS STEEL TERMINAL BOXES 8151?

- **Eco-Friendly & Lightweight**
Less CO₂, same strength
- **Certified Protection**
IP66 + IK09 ruggedness
- **Easy to Install**
Lightweight means quicker mounting
- **Extreme Temperature Proof**
Performs from -60°C to +135°C



FIND MORE INFORMATION ABOUT
R. STAHL'S 8151 STAINLESS STEEL
TERMINAL BOX
HERE:



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