

REMA MRC CONNECTORS



MRC® POWER SOLUTION SERIES UNMATCHED DURABILITY AND EFFICIENCY

The REMA® exclusive MRC® Power Solution Series utilizes an engineered system of components molded into a composite cable and connector assembly with unmatched durability and efficiency. The customer benefit is substantially reduced assembly time and minimizes maintenance costs!

These REMA® MRC® Power Solution Series cable and connector assemblies utilize innovative, patent pending construction technology to permanently bond the electrical and mechanical elements. This process results in a highly durable, wear-resistant, acid-proof and maintenance-free assembly.

At the heart of any cable and connector assembly is the power contact. REMA® engineers have conducted extensive research in the construction of these power contacts and have developed a design that delivers extraordinary performance which is unsurpassed by any competitor. The REMA® super-conductive plug and socket contacts are capable of transmitting higher peak currents in addition to lowering the cable insulation operating temperature.

The MRC® Power Solution Series features:

- 75% current overload capability
- Fully compatible and interchangeable with existing cable and connector assemblies according to DIN 43589
- Connector housing and cable insulation material in one molded piece resulting in increased durability and environmental protection
- REMA® engineered power contacts made of high-grade electrolyte copper for superior efficiency and silver plated for corrosion protection
- Acid-resistant housing and cable insulation
- RemaFlex® power cable suitable for applications requiring small bend radius
- Cable insulation and connector housing halogen free
- Operating temperature range: -40 °C to +120 °C
- Definition of new amperage classes:
 - MRC 120 > DIN 80
 - MRC 260 > DIN 160
 - MRC 400 > DIN 320

Meets or exceeds the following industry standards:

- DIN 43589
- EN 1175-1
- IEC 20989
- UL 1977

In compliance with machinery directive 2006/42 EG and therefore with CE-marking

Accepts REMA® DIN-Style connector options including coding/locking pins, air supply, auxiliary contacts and handles

Production patent pending