

Next Generation of Connecting Technology

press | mate

A Technology Cooperation of
WEITKOWITZ and **Amphenol**

Advantages

- Suitable for power- and grounding applications
- Wide range of cross sections
- Quick and easy mating
- Reduced maintenance requirements at service
- Vibration proof
- Up to 400A at 45°C
- Reduction of labor costs
- Can be crimped by standard tools

Applications

- Energy(Wind turbines, Battery storage systems...)
- Machine building (Drives, Controls...)
- Transport (Trains, special and commercial vehicles...)
- ...

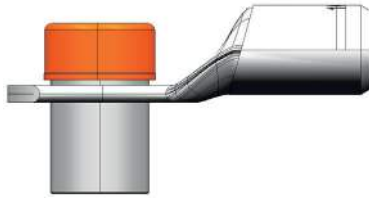
50 - 60% reduced assembly time
up to 400 A
pluggable / increased security



Future

Technical Data

With press | mate series Amphenol and Weitkowitz combine technology of cable lugs and high power contacts. These connector solutions can be crimped by standard tools. They are compatible with M6 or M8 threads and pins with a groove. The optional click | fit locking feature has a long standing track record in the field and enables a vibration proof insertion of contacts in a fraction of the time previously required. With up to 200A press | mate series suits all types of high power and grounding applications. Fine wired conductors are covered by the EURO-Series while the F-Series is designed for very fine wired conductors.



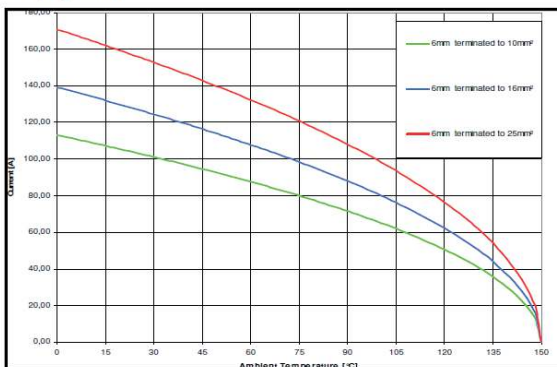
Radsok with click|fit locking



Radsok without click|fit locking

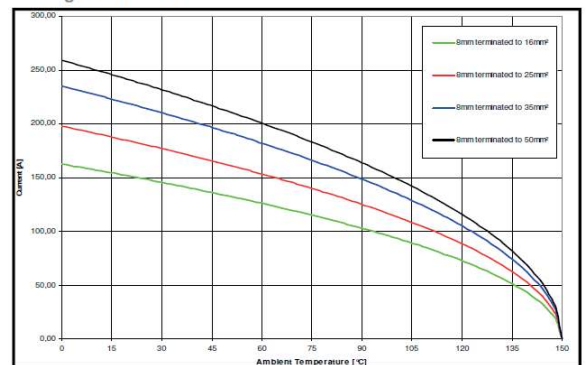
Radsok	cross section	Euro-Series		F-Series	
		without click fit	with click fit	without click fit	with click fit
6 mm	6 mm ²	N02 060 6141 002	N02 060 6171 002	-	-
6 mm	10 mm ²	N02 060 6142 002	N02 060 6172 002	N02 060 6152 002	N02 060 6194 002
6 mm	16 mm ²	N02 060 6143 002	N02 060 6173 002	N02 060 6153 002	N02 060 6193 002
6 mm	25 mm ²	N02 060 6144 002	N02 060 6174 002	N02 060 6154 002	N02 060 6194 002
8 mm	35 mm ²	N02 080 6141 002	N02 080 6171 002	N02 080 6151 002	N02 080 6191 002
8 mm	50 mm ²	N02 080 6142 002	N02 080 6172 002	N02 080 6152 002	N02 080 6192 002

Derating 6mm RADSOK®



Remark: The given electrical values correspond to a single contact. With the addition of a housing, an increased number of poles or other modifications the values must be adjusted downwards accordingly.

Derating 8mm RADSOK®



Remark: The given electrical values correspond to a single contact. With the addition of a housing, an increased number of poles or other modifications the values must be adjusted downwards accordingly.

Customized solution on request

General Information

We reserve the right to change the design due to improvement in quality, development or production requirements. This data sheet must not be used in any form or manner without our prior approval in writing (Copyright, Law, Fair Trading Law, Civil Code). All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guaranties ("Beschaffenhetsgarantie" or "Haltbarkeitsgarantie")