

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...)
- ...

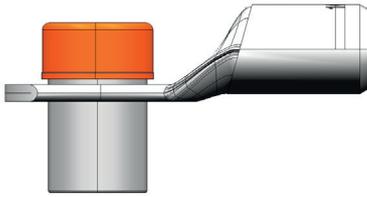
50 - 60% reduced assembly time  
up to 400 A  
pluggable / increased security



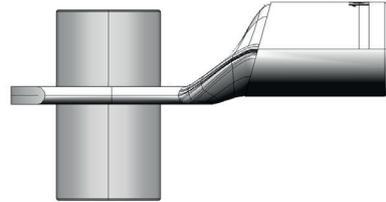
# Future

## 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.



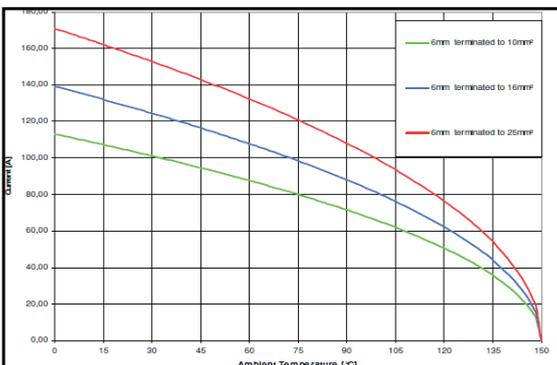
Radsok with click|fit locking



Radsok without click|fit locking

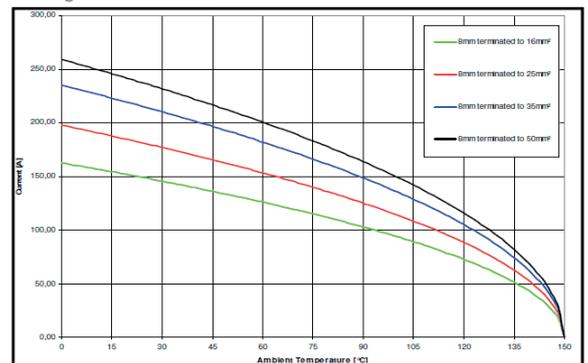
Radsok	cross section	Euro-Series		F-Series	
		without click   fit	with click   fit	without click   fit	with click   fit
6 mm	6 mm <sup>2</sup>	N02 060 6141 002	N02 060 6171 002	-	-
6 mm	10 mm <sup>2</sup>	N02 060 6142 002	N02 060 6172 002	N02 060 6152 002	N02 060 6194 002
6 mm	16 mm <sup>2</sup>	N02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

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