

Approval List

ZF Friedrichshafen AG

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1 Journal of Changes

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2 Contact Persons at Pfannenberg

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For a contact within your country, please contact your local contact person. For more information, please see our list of sales representatives worldwide: <https://www.pfannenberg.com/en/contact/international-sales-reps/>

3 Information on Special Permits/Disclaimer

3.1 Special Permits

For special permits, please contact your local contact person. Please provide information on the application, the desired devices and the suggested solution. In this way, you simplify the transaction for all involved.

3.2 Disclaimer

The data provided here does not claim to be complete and up-to-date. Pfannenberg Europe GmbH assumes no liability for the correctness of the information in this approval list. Pfannenberg Europe GmbH reserves the right to make changes and updates at any time without prior notice. Any changes and / or misuse of the provided information and data are prohibited.

4 Sites ZF Friedrichshafen AG

Validity in ZF-Group. At the ZF-Group Pfannenberg is listed as the exclusive supplier in the sector thermal management of electrical enclosures.

4.1 Approved Products

According to Approval List Electrics – Status 01/2015

Cooling units from the εcool-series for **side- and door-mounting**:

- DTI / DTS 6201 230V MC – 1000 Watt cooling capacity
- DTI / DTS 6301 230V MC – 1500 Watt cooling capacity
- DTI / DTS 6401 230V MC – 2000 Watt cooling capacity

- DTI / DTS 6201 400V MC – 1000 Watt cooling capacity
- DTI / DTS 6301 400V MC – 1500 Watt cooling capacity
- DTI / DTS 6401 400V MC – 2000 Watt cooling capacity
- DTI / DTS 6501 400V MC – 2500 Watt cooling capacity
- DTI / DTS 6801 400V MC – 4000 Watt cooling capacity



Fig. 1: The new generation εcool DTI/DTS 6xxx devices – 5 performance classes – 1 cut-out

Further **cooling units** for **side- and door-mounting**:

- DTS 9011H 230V SC – 300 Watt Kühlleistung
- DTI / DTFI 9021 230V SC – 320 Watt Kühlleistung
- DTI / DTS 9031 230V MC – 510 Watt Kühlleistung
- DTI / DTS 6201C 230V MC – 1000 Watt Kühlleistung
- DTI / DTS 6301C 230V MC – 1500 Watt Kühlleistung

- DTI / DTS 6201C 400V MC – 1000 Watt Kühlleistung
- DTI / DTS 6301C 400V MC – 1500 Watt Kühlleistung



Fig. 2: Cooling unit DTFI 9021

Cooling units from the ϵ cool series for **top-mounting** may be used after consultation with the responsible electrical department of the respective plant.

Chillers for **machine cooling**, designed according to ZF standard.

Disclaimer:

All details were carefully researched. We can, however, not offer any guarantees with regard to the completeness and correctness of the stated information.

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