

**Declaration report EMC**

Declaration No..... :	320754-TL7-2
VDE File No..... :	5031675-3650-0001/320754
Date of issue..... :	2024-09-06
Laboratory	VDE Prüf- und Zertifizierungsinstitut GmbH
Address	Merianstrasse 28 63069 Offenbach/Main; Germany
Applicant's name/address	Ingenieurbüro Brummack; Finkenweg 1; 79312 Emmendingen; Germany
Applied standard(s)	See reports
TRF template..... :	EMC Declaration universal; 2022-11-22
Base Test report(s)..... :	320754-TL7-1
Test item description	Electronic subassembly; Fan heater for use in electric vehicles
Ratings	N/A

Report No.:	320754-TL7-2	Page	1	of	2
-------------	--------------	------	---	----	---

Disclaimer:

This test report contains the result of a singular investigation carried out on the product submitted. A sample of this product was tested to found the accordance with the thereafter listed standards or clauses of standards resp.

The test report does not entitle for the use of a VDE Certification Mark and considers solely the requirements of the specifications mentioned below.

Whenever reference is made to this test report towards third party, this test report shall be made available on the very spot in full length.

**Adding new types to the base test report(s)**

Opinion of the laboratory:

The additional types are also covered by the above-mentioned base test report(s).

Additional types	Existing type(s) in base test report	Difference*	Technical rationale**
Caldo120/2	Caldo80/2	Caldo 80/2 uses a 80V heating element together with a 12V fan. Caldo 120/2 uses a 120V heating element together with a 12V fan.	The difference regarding the heating element will not affect the EMC behaviour of the additional type. Both variants, Caldo 120/2 and Caldo 80/2, uses the same fan.
CaldoX48/2	Caldo48/2	Caldo X48/2 contains a switch and integrated contactor	The difference regarding the switch and contactor will not affect the EMC behaviour of the additional type. Both variants, Caldo X48/2 and Caldo 48/2, uses the same fan.
Caldo 48	Caldo 48/2	lower heating power	The difference regarding lower heating power will not affect the EMC behaviour of the additional variant. Both variants, Caldo 48 and Caldo 48/2 uses same fan.
Caldo 80	Caldo 80/2	lower heating power	The difference regarding lower heating power will not affect the EMC behaviour of the additional variant. Both variants, Caldo 80 and Caldo 80/2 uses same fan.
Caldo 120	Caldo 120/2	lower heating power	The difference regarding lower heating power will not affect the EMC behaviour of the additional variant. Both variants, Caldo 120 and Caldo 120/2 uses same fan.

* The column "Difference" lists the main difference(s) between the types in the base test report(s) and the additional types.

** The column "Technical rationale" lists the technical rationale why the additional types are also covered by the base test report(s).

Supplementary information: --

Declaration prepared by

Name, Signature.....

Henning Neumann
(Authorization of the Declaration)

Mr. Henning Neumann

Function.....

Testing engineer