

CERTIFICATE

The company

Bosch Thermotechnik GmbH

Junkersstraße 20 - 24

73249 Wernau

GERMANY

with the production site in

Aveiro

hereby receives the confirmation that the product/s

Thermal solar systems

of the type

TSS150/FCB Bosch, Junkers, Vulcano, e.l.m. leblanc,

TSS200/FCB Bosch, Junkers, Vulcano, e.l.m. leblanc,

TSS300/FCB Bosch, Junkers, Vulcano, e.l.m. leblanc

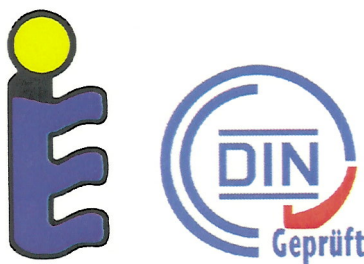
conforms to

DIN EN 12976-1:2006-04

DIN EN 12976-2:2006-04

Specific CEN KEYMARK Scheme Rules for Solar Thermal Products version 11.04 (Edition: 2009-12)

and is granted the licence to use the marks



in conjunction with the Registration No. below.

Registration No.: 011-7S1725 A

This Certificate is valid until 2016-10-31.



DGA-ZE-2460.99

See annex for further information.

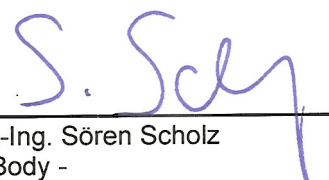
DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Alboinstraße 56, 12103 Berlin

This certificate is dependent in all respects on the certificate
issued on 2011-10-12 under the same registration number.



2011-10-12

Dipl.-Ing. (FH) Dipl.-Wi.-Ing. Sören Scholz
- Head of Certification Body -



Annex

to the Certificate with Registration No. 011-7S1725 A

dated 2011-10-12

Type description

see data sheet, part of the test report of 2011-10-10

1. System variant(s):

Designation	Tank	Collector (Registration No.: 011-7S1084 F)
TSS150/CKE1.0	150 l	1 CKE1.0-s
TSS200/CKE1.0	200 l	1 CKE1.0-s
TSS300/CKE1.0	300 l	2 CKE1.0-s

2. Note(s):

- The freeze resistance test for the solar collector according to DIN EN 12975-2, clause 5.8 was not necessary. According to the manufacturer's declaration, the certified solar collectors may be used in frost exposed areas only in combination with appropriate frost protection mixtures.
- The optional impact resistance test for the solar collector according to DIN EN 12975-2, clause 5.10 was not carried out.
- The proof of lightning protection according to DIN EN 12976-2, clause 5.5 was not subject to the test and shall be furnished separately.

Testing laboratory / Inspection body

TÜV Rheinland
Energie und Umwelt GmbH
Test Centre for
Energy Appliances
Am Grauen Stein
51105 Köln

Test report(s)

No. 21216026 BO EN Sys dated 2011-10-10