



Ref. Certif. No.

US-33660-M2-UL

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Temperature measurement unit with relay outputs

Name and address of the applicant

Ziehl Industrie-Electronik GMBH
Daimlerstrasse 13
74523 Schwaebisch Hall Germany

Name and address of the manufacturer

Ziehl Industrie-Electronik GMBH
Daimlerstrasse 13
74523 Schwaebisch Hall Germany

Name and address of the factory

Note: When more than one factory, please report on page 2

Ziehl Industrie-Electronik GMBH
Daimlerstrasse 13
74523 Schwaebisch Hall Germany

[Additional Information on page 2](#)

Ratings and principal characteristics

See Page 2

Trademark / Brand (if any)

N/A

Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

TRaabbcd
See Page 2

Additional information (if necessary may also be reported on page 2)

The report was revised to include technical modifications.

[Additional Information on page 2](#)

A sample of the product was tested and found to be in conformity with

IEC 61010-1:2001

As shown in the Test Report Ref. No. which forms part of this Certificate

E337414-D1019-1/A2/C1-CB issued on 2020-02-04

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2020-02-07

Original Issue Date: 2019-05-10

Signature:

Jolanta M. Wroblewska

Model Details:

TRAabbcd,

aa is 2, 4, 6, 8, or 12,

bb is 00, 10, 40, 50 or 60,

c is PT100, PT1000, PT20, KTY universal, or blank,

d is A, IP, RS485, USB, Web, or blank

Ratings:

TR2 and TR12 series: 24-240V ac/dc; 0/50/60 Hz; 3W

TR4, TR6 (excluding TR640 and TR660 series) and TR8 series: 24-240V ac/dc; 0/50/60 Hz; 4W;

TR640 series: 24-270V ac/dc, 0/50/60Hz, 3W, 9VA;

TR660 series: 24-270V ac/dc, 0/50/60Hz, 6W, 12VA

Additional Information:

The original report was modified to include following changes/additions:

- added new models TR640 and TR660.

National Differences specified in the CB Test Report.

Additional information (if necessary)



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