

TEST CERTIFICATE

Issued to: Contactum Limited
Victoria Works
Edgware Road
London NW26LF
United Kingdom

For the product: Main busbar of low-voltage switchgear and controlgear assembly -
Distribution boards intended to be operated by ordinary persons (DBO)

Trade name: Contactum Defender

Type/Model: DDB 3PH B Board Range

Ratings: I_{cw} 14 kA – 0,25 s, I_{cw} 20 kA – 0,25 s and I_{cw} 25 kA – 0,25 s (main busbar)
For more details see annex

Manufactured by: Contactum Limited
Victoria Works
Edgware Road
London NW26LF
United Kingdom

Subject: Short-circuit withstand strength on main busbar

Requirements: IEC 61439-3: 2012
Clause 10.11

Remarks: The tests were conducted in October 2014.

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in report no. 4600097.01-INC, dated 28 November 2018.

The examination has been carried out on one single specimen of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

Arnhem, 28 November 2018

Number: 4600097.100

DEKRA Certification B.V.



H.R.M. Barends
Certification Manager

© Integral publication of this certificate and adjoining reports is allowed

Overview of product evaluation according to IEC 61439-3:

IEC 61439-3 Clause	Clause description	Tested ratings	Results
10.11	Short-circuit withstand strength*	1 x 12 x 2,5 mm main busbar: Icw 14 kA – 0,25 s	Pass
10.11	Short-circuit withstand strength*	2 x 12 x 2,5 mm main busbar: Icw 20 kA – 0,25 s	Pass
10.11	Short-circuit withstand strength*	3 x 12 x 2,5 mm main busbar: Icw 25 kA – 0,25 s	Pass

* Note: This test certificate concerns the short-circuit withstand strength of the main busbars.
Other elements of the DBOs such as the incoming unit, outgoing units and neutral / PE busbars are not covered.

Product details DDB 3PH B Board Range:

	Description
Main busbar	Busbar size for different types of main busbars: 1. 3 phase vertical busbar, 1 x 12 x 2,5 mm per phase Tin plated copper 2. 3 phase vertical busbar, 2 x 12 x 2,5 mm per phase Tin plated copper 3. 3 phase vertical busbar, 3 x 12 x 2,5 mm per phase Tin plated copper