

WeeMod

Singapore-made to international standards.



Outstanding Features

- Incorporating a sophisticated bus-bars structure to withstand a higher fault level
- A versatile and flexible modular system which allows for extension to meet new requirements.
- Sturdily constructed to take the knocks in the most rugged environments.
- Treated with epoxy paint to prevent rust and other damage caused by atmospheric conditions.

ASTA

(Incorporated in the year 1938)

The Association of Short-Circuit Testing Authorities

23/24 Market Place, Rugby CV21 3DU, England.

Certificate No. 9745

Laboratory Ref. No. B/1611

CERTIFICATE OF SHORT-CIRCUIT RATING

APPARATUS: LOW VOLTAGE FACTORY BUILT ASSEMBLY, BUSBARS AND
DOWNDROPPERS WITH NEUTRAL

DESIGNATION: "WEE MODULE"

TESTED BY: BRITISH SHORT-CIRCUIT TESTING STATION

DATE(S) OF TESTS: 15th & 16th DECEMBER 1983

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate has been subjected to the series of proving tests in accordance with

BS 5486:Part 1:1977

The results are shown in the Record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated below:-

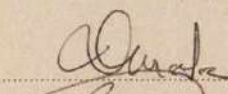
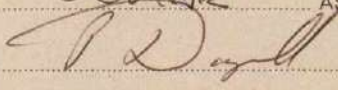
Short-time current capacity - 50 kA for 3 sec and associated
peak of 105 pk kA (peak factor 2.1)

The responsibility for conformity of any apparatus having the same designation with that tested lies with the manufacturer

This Certificate comprises 5 pages, 2 diagrams, 2 oscillograms, 2 photographs,
6 drawings and - other sheets as detailed on page 1

Only integral reproduction of this Certificate, or reproductions of this page accompanied by any page(s) on which are stated the assigned rated characteristics of the apparatus tested, are permitted without written permission from ASTA, 23/24 Market Place, Rugby CV21 3DU England. (see ASTA Publication No. 7).



 ASTA Observer
 Secretary
22nd March 1984 Date

WEESMOD MODULAR CUBICLE SWITCHBOARDS

TECHNICAL DATA

- STANDARDS** : Built and designed in compliance to BS5486 Part 1: 1977 and IEC439: 1973.
- ASTA CERTIFIED** : ASTA tested and certified for both horizontal and vertical busbar systems.
TYPE-TESTED to withstand a short circuit conditions of 31MVA at 415Volts and a short circuit fault conditions of 50KA for 3 seconds.
- RATED VOLTAGE** : Up to 660V AC 50 — 60Hz.
- RATED CURRENT** : Main Busbar up to 6000Amps (Higher currents on request)
- TEST VOLTAGE** : 2.5KV.
- PROTECTION** : IP30, IP44 Executions with higher degree on request.
- PAINT WORK** : Epoxy dry powder spray finished and oven baked with minimum overall thickness 50 micron.
- BUSBAR SYSTEM** : High conductivity copper busbars.
- BUSBAR SUPPORT** : Both the horizontal and vertical busbars are supported with glass-reinforced duroplastic polyester.
- CONSTRUCTION** : Modular system with interchangeable parts and equipped for future extension.



Technical drawing of a mechanical part, showing a top view, a detail diagram (plan view), and a perspective view.

Top View Dimensions:

- Overall length: 420 mm
- Overall width: 35 mm
- Central section length: 210 mm
- Central section width: 210 mm
- Segment lengths (from left to right): 37.5, 30, 75, 30, 75, 30, 75, 30, 37.5 mm
- Segment widths (from left to right): 20, 10, 10, 10, 10, 10, 10, 10, 20 mm

Detail Diagram (Plan View) Dimensions:

- Width: 30 mm
- Height: 10 mm

Perspective View Dimensions:

- Overall length: 420 mm
- Overall width: 35 mm
- Segment lengths (from left to right): 37.5, 30, 75, 30, 75, 30, 75, 30, 37.5 mm
- Segment widths (from left to right): 10, 10, 10, 10, 10, 10, 10, 10, 10 mm

MATERIAL: Glass-Reinforced Duroplastic Polyester-BMC
: German Standard DIN 16 911

Horizontal Busbar

Busbar Support Part No. WM/004-1

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Busbar Metal Support Part No. WZbs4

Busbar

Busbar Support beam Part No. WZbsb

Insulating Sleeve (BP)

Busbar Connections Part No. WMbc

BUSBAR JOINT ASSEMBLY

Vertical Busbar

BUSBAR SUPPORT ASSEMBLY

®