

CUBIC-Modulsystem A/S  
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## Classification of degree of protection provided by enclosure (1 appendix)

### 1 Client

CUBIC-Modulsystem A/S, Skjoldborgsgade 21, Broenderslev, Denmark.

### 2 Test items

Test item 1: CUBIC-Modular System, 8 x 4 x 2 M (approximately 1.6 x 0.8 x 0.4 meter).

Test item 2: CUBIC-Modular System, 8 x 10 x 2 M (approximately 1.6 x 2.0 x 0.4 meter).

Photographs according to appendix No. 1.

The test items arrived at SP on September 20, 2001.

### 3 Commission

Classification of degree of protection provided by enclosure according to EN 60529:1991 + A1:2000, IP 5X (test item 1) and IP X4 (test item 2), with modifications according to EN 50298:1998, clause 8.7.

One side cover of test item 1 was damaged when the test item arrived to SP. Due to this damage the cover was sealed with adhesive tape over the gasket and the bolt holes. The opposite side cover is of identical construction and shall be tested without restrictions.

For the IP X4 test the following spaces were specified by the client as protected spaces:

- The inside space of each front door except the space closer than 55 mm to any of the door edges.
- The front side of the two mounting plates, 2 x 9 M (approximately 0.3 x 1.7 meter), and the two mounting plates, 2 x 8 M (approximately 0.3 x 1.6 meter).
- The main busbar, the distribution busbar and the busbar connections inside the roof covers.