



## BSM - box system



### MODULAR SYSTEM

The best switchboard system in the market for distribution boards up to 800 A.

With CUBIC's box system you are ensured competitive, future-proof switchboards in an elegant and timeless design.

The box system is verified according to IEC/EN 61439.

# BSM BOX SYSTEM

The box system provides an optimum level of flexibility, which means that each switchboard may be built according to the requirements of the individual customer.

Owing to the impressive versatility of the Modular System, the special demands of any task are satisfied by using standard units.

## QUICK MOUNTING

Time saving in the construction phase gives higher competitiveness and provides the switchboard builder with a competitive advantage in relation to costs and time.

Plenty of space in the box system makes it easy to mount wires and cables.

## ASSEMBLY AND DIMENSIONS

CUBIC's box system for distribution panels or control equipment installed on a mounting plate provides a flexible structure with infinite possibilities.

The box system is delivered in depths of 1.5M (288 mm + covering) fulfilling the space demand for components, which are usually mounted in distribution boards. Apart from the depth, the outer dimensions are the same as for the Modular System. The box system is mounted on a BSM plinth.

For mounting of terminals, a special bracket for the back of the DIN rail is available. Besides, a bracket for application in the cable section for terminals, cable duct and PE bar is available.



THE BOX SYSTEM IS PRODUCED IN THE WELL-KNOWN CUBIC QUALITY WITH LIGHT GREY LACQUERED STEEL PLATES AND MAY BE APPLIED TOGETHER WITH OUR STANDARD DOORS AND COVERS. PARTS FROM THE MODULAR SYSTEM CAN ALSO BE USED TOGETHER WITH BSM, E.G. DIN RAILS/COVERS AND METER/CT COMPARTMENTS.

BMS BOX SIDES ARE EQUIPPED WITH KNOCK-OUTS FOR FLANGES. THESE KNOCK-OUTS ARE ALSO APPLIED WHEN MOUNTING ON A PLINTH AND JOINING 2 SECTIONS TOGETHER.

## USER FRIENDLY FLANGE

A cast solid flange with the possibility of knock-outs for every single cable or cutout for large holes for more cables is available. The flange is made to fit into the knock-out of BSM and is mounted with 4 screws and fitting clips.

The latter is attached to the flange, and is easy to separate, when the flange is mounted.



## FEATURE FOR LARGE AMOUNTS OF CABLES

Between 2 knock-out flanges cutouts can be made for cables and handling of these, if they come from an underlying cable tray or similar. A standard plate is available for covering the opening in the necessary cutouts/holes after cable mounting.

## FORM ASSEMBLY AND SEPARATION

With CUBIC's box system optional separation from form 1 to 4 is ensured, and thus an optimum personal and operational reliability in full compliance with IEC/EN 61439 and customer requests is obtained.

## QUICK DELIVERY FROM STOCK

The box system is held in stock and may shipped with a short delivery time.



## TECHNICAL SPECIFICATIONS

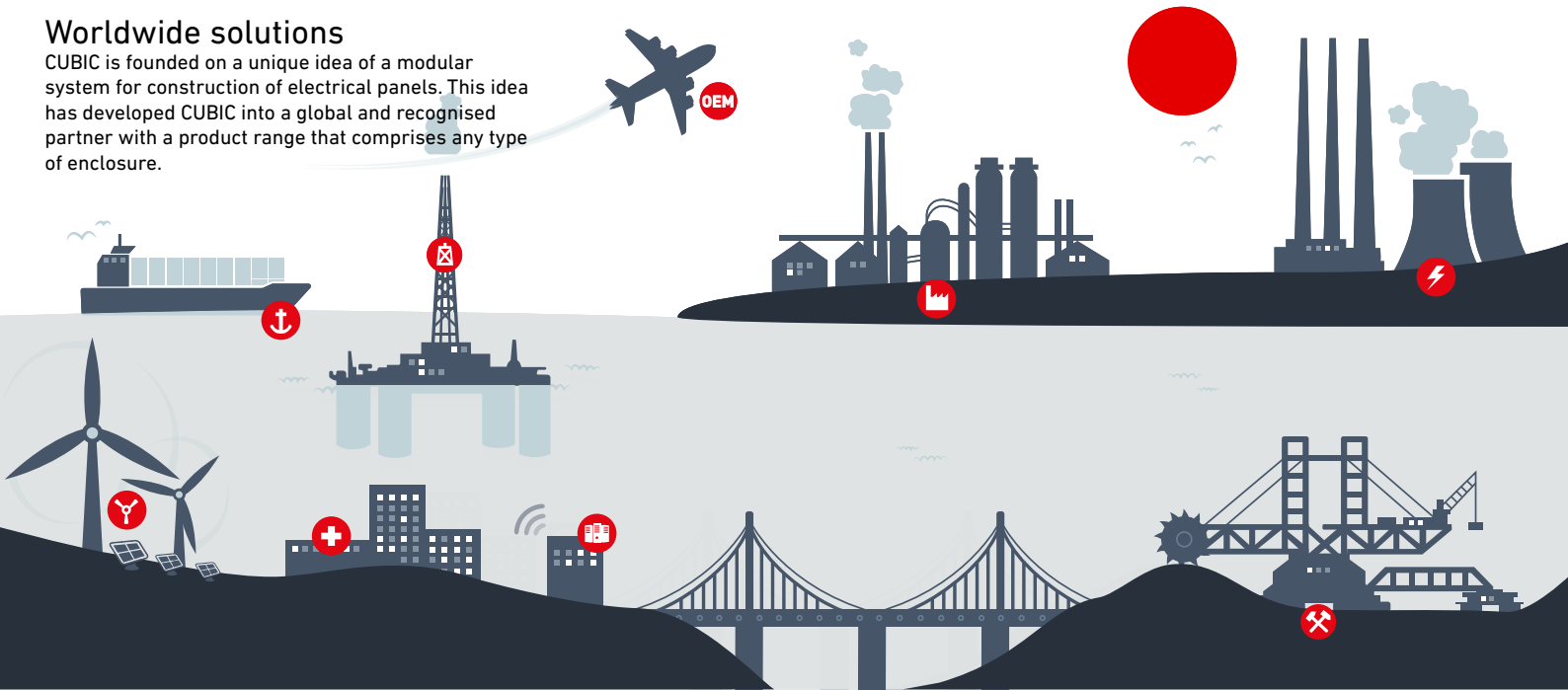
- Max. size per transport unit, 10x10x1 ½M
- Max. weight per transport unit, 500 kg
- Barriers bounding a section should - in the front and back – cover from bottom to top
- Max. distance between vertical barriers is 4M
- Max. distance between wall brackets is 5M
- Max. current value for busbars is 800 A
- Up to IP 44

## BENEFITS

- Best switchboard system in the market
- Competitive price
- Exquisite quality
- Lacquered workpieces - no sharp edges
- Brand independence
- Quick mounting
- Day to day delivery
- Back-up from customer service
- The optimum depth: 800 A on 288 mm + covering
- Knock-outs for flanges and cable entry between sections
- Implemented in Galaxy for design, calculation and temperature-rise verification
- Fully documented in Instruction and Projecting Manuals
- Verified according to IEC/EN 61439

## Worldwide solutions

CUBIC is founded on a unique idea of a modular system for construction of electrical panels. This idea has developed CUBIC into a global and recognised partner with a product range that comprises any type of enclosure.



### **DENMARK** **(Head office)**

CUBIC-Modulsystem A/S  
Skjoldborgsgade 21  
DK-9700 Broenderslev  
Denmark  
Tel. +45 9882 2400  
info@cubic.eu

### **NORWAY**

CUBIC-Norge A/S  
Postboks 33  
Jeksleveien 55  
3300 Frogner  
Norge  
Tel. +47 6386 7100  
info@cubic-norge.no

### **SWEDEN**

CUBIC Svenska AB  
Box 353  
Hantverksgatan 5 B  
S-571 24 Nässjö  
Sweden  
Tel. +46(0)380 741 70  
info@cubicsvenska.se

### **POLAND**

CUBIC Polska Sp. Z o.o.  
North West Logistics Park  
Kniewska Street 5  
PL-70-846 Szczecin  
Poland  
Tel. +45 9882 2400  
info@cubic.eu

### **U.K.**

CUBIC Modular Systems  
(U.K.) Ltd  
Unit 1, Queensmead Place  
Textilose Road, Trafford Park  
Manchester, M17 1PH  
U.K.  
Tel. +44 161 876 4742  
info@cubic-uk.co.uk

### **IRELAND**

CUBIC-Modulsystem A/S  
Units 64 & 65  
Parkwest Enterprise Centre  
Parkwest Industrial Park  
IRL-Dublin 12  
Ireland  
Tel. +353 16 215 288/289  
info@cubic.ie

### **CHINA**

CUBIC Electromechanical  
System (Tianjin) Co., Ltd  
30 Xin Ye 3rd Street  
TEDA West Building 17  
Tianjin, 300462  
China  
Tel. +86 (22) 5983 2158  
info@cubic.asia

### **BELGIUM**

CUBIC-Modulsystem A/S  
Chaussée de Namur 85A  
B-1400 Nivelles  
Belgium  
Tel. +32 6721 2979  
info@be.cubic.dk

### **INDIA**

CUBIC Modular System India  
Private Limited  
No. B01, ESR Industrial and  
Logistics Park, Varanavasi  
Village, Oragadam, Walajabad  
Taluk, Kanchipuram District  
TamilNadu, India - 631 604.  
Tel. +91 44 4028 2506  
info@cubic.eu

### **SPAIN**

CUBIC Modular System  
España SL.  
Ronda Maiols, 1 - Ed.,  
BMC, local 349  
08192 Sant Quirze del Vallès  
Barcelona, Spain  
Tel. +34 684 259 748  
info@es.cubic.eu

### **THE NETHERLANDS**

CUBIC Nederland BV  
Kelvinring 54  
2952 BG Alblasserdam  
The Netherlands  
Tel. +31 (0) 627 064 567  
info@nl.cubic.eu