

### **TABULA**

The Absolute Switchboard System for Maximum Safety and Reliability

## TABULA - a Qualified Partner with a Strong Switchboard Concept, World-wide

TABULA meets all requirements within low voltage switchboards:



- Main- and distribution boards
- Motor Control Centres
- Operation- and Control Switchboards

Fulfils in the best way all national and international standards, incl. approvals from international bureaus of shipping classifications, and is adaptable to almost any local demand and tradition.

# TABULA covers the full Range of Low Voltage Switchboards



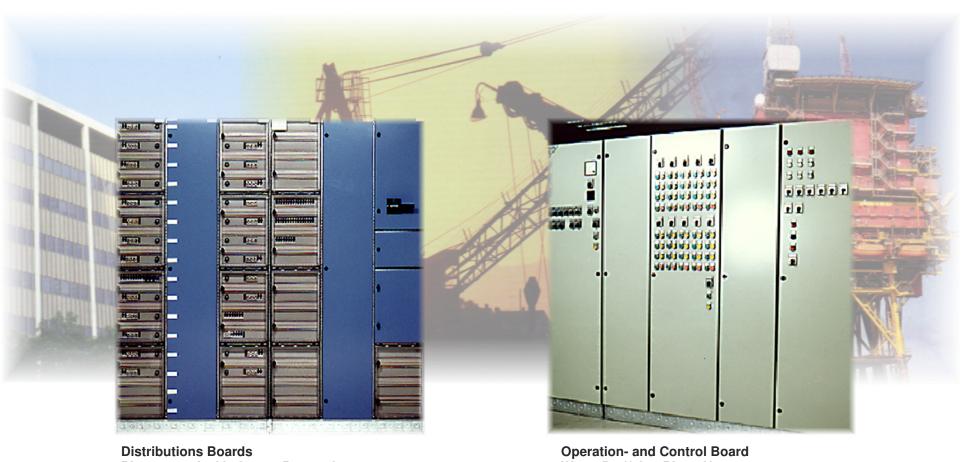
Main Distribution Board Montparnasse Business Centre, France

# TABULA covers the full Range of Low Voltage Switchboards



Motor Control Centre, Draw-out Power Station, Skærbækværket, Denmark

## **TABULA** covers the full Range of Low Voltage Switchboards



**Pharmaceutical Industry, Denmark** 

Water Purifying Plant, Norway

### **Strong Data - without Compromises**

Fully documented low voltage switchboard system, according to IEC/EN 60439-1 and 3



Rated insulation voltage: 1000V

#### Rated current

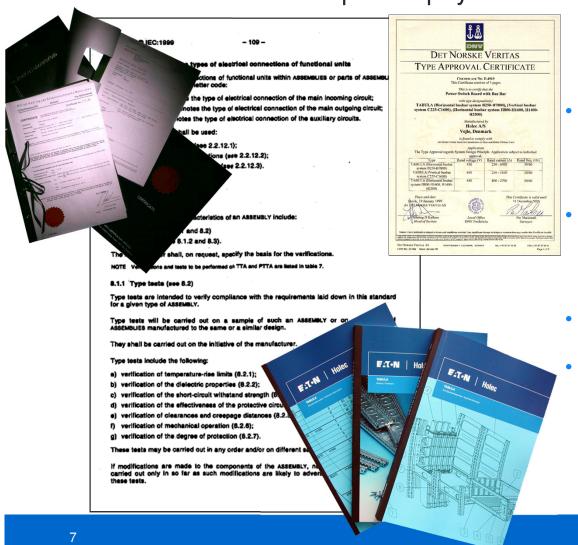
- Horizontal main busbars In = 250-7800A
- Vertical distributions busbars In = 225-1600A

#### **Short Circuit Ratings**

- Horizontal main busbars up to lcw 120kA/1s., lpk 264 kA peak
- Vertical distribution busbars up to lcw 100kA/1s., lpk 220 kA peak
- Degree of protection IP20-IP54
- Forms of separation, form 1-4 a as standard
- Fixed, plug-in and draw-out execution

### **Type-tested - Point by Point**

A natural element in the philosophy behind TABULA



- Type-test includes both IEC/ EN 60439-1 as well as 60439-3 (switchboards operated by layman)
- Carried through in international test laboratories, KEMA, ASTA and others
- Type test certificate from DNV
- The extensive documentation is available for the panel builders

#### The Realized Idea

Fully modulated with a DIN-standardized basic module of 126mm (DIN-norm 125mm +/- 1mm)



- Optimum dimensions for any switchboard solution
- Is adaptable to any demands regarding switchboard location in the building
- Optimised utilisation of enclosure space
- Ensures easy and standardized extension possibilities

#### **Build-In**

Type-tested standard solutions

- ACB's
- MCCB's
- Fuse- and load break switches
- Draw-out
- Plug-in

DIN-rail assemblies
 Can be combined in the same switchboard / column

## **Cable Compartments**

Separate cable compartments of any width and any position for optimum cabling



#### **Draw-out**

#### Draw-out, an integrated part of TABULA



- Easy access during service
- Fast exchange of draw-out cassettes
- Service and repair can be executed with live busbars
- Reduces the time of stop in production
- Suitable for preventive maintenance

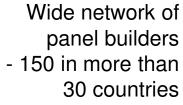
# TABULA Guarantees Strong and Competitive Solutions



Many years of experience



Own test laboratory - certified by KEMA and Lovag





Programs for productand assembly training



Comprehensive documentation





## Why TABULA?

#### Safety and functionality above all



- Fully type-tested and documented
- ISO 9001 : 2000
- Environmental declaration
- A competent and international organisation is behind

- High level of experience
- A system for the complete project
- Optimum extension possibilities
- Easy to service, designed for modern principles regarding maintenance
- · Economically attractive

#### References

Strong TABULA solutions through a national and international network of dynamic and well-reputed panel builder companies

- Shell Buenos Aires
- Convention Centre
- Milchhof Salzburg
- Salmannya Medical Centre
- Stib Metro, Bruxelles
- Petrobrass
- Cement Works, (FLS Industries)
- 💳 Copenhagen Airport Kastrup
- British Telecommunication
- H New Buildings No. 32 & 32,
- 🛨 Slaughterhouse, Huittnen
- CEA, Nuclear Plant
- Television Tower, Berlin
- Fishing Industry, Aasiat

- Philips Eindhoven
- Ritz Carlton Hotel
- Geothermal Power Plant
- Tallaght Hospital Dulin
- FS Italy (Railways)
- Emires Headquarters Building
- Solid Energy
- Norsk Hydro
- Rybnik Power Station
- Lisabon Airport
- Coca Cola Minsk
- Fraser & Neave Aircon
- Vojany Power Station
- Mercedes-Benz

- Petronas
- Oman Min. of Def.
- Ericsson
- Dubai Aluminium
- Coca Cola

# TΔBULΔ - the perfect choice

