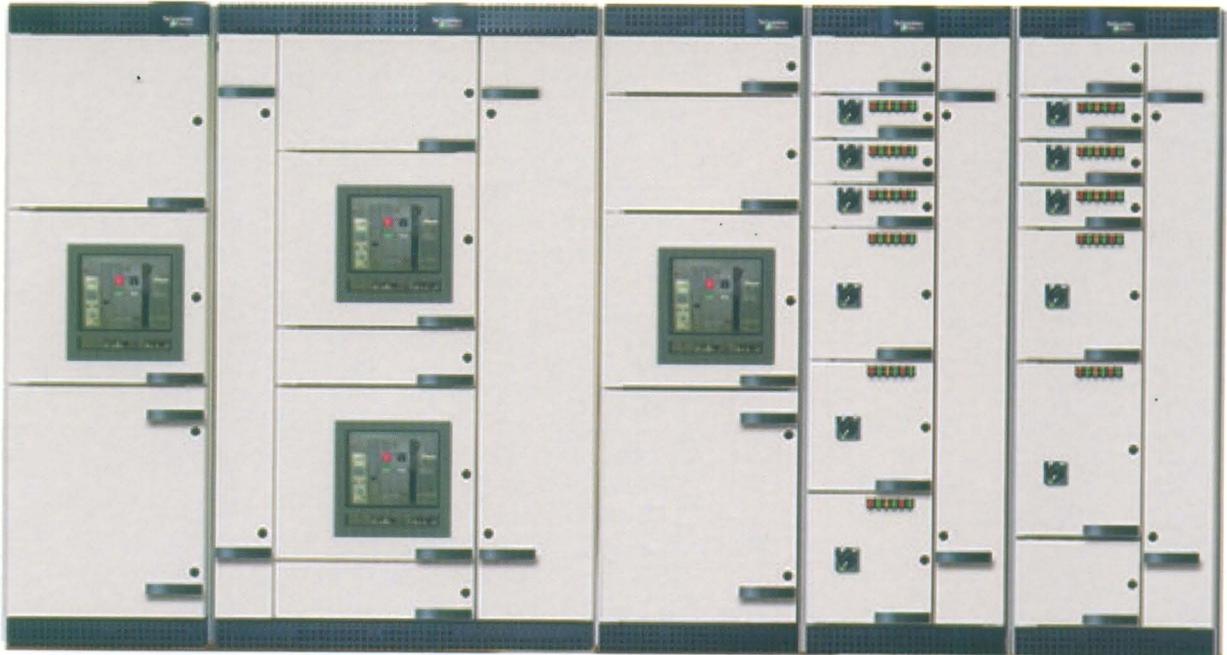


Blokset

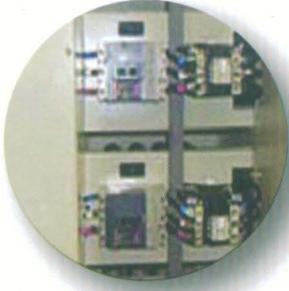
Solution for **Type Tested**
Low voltage equipment
for high dependability



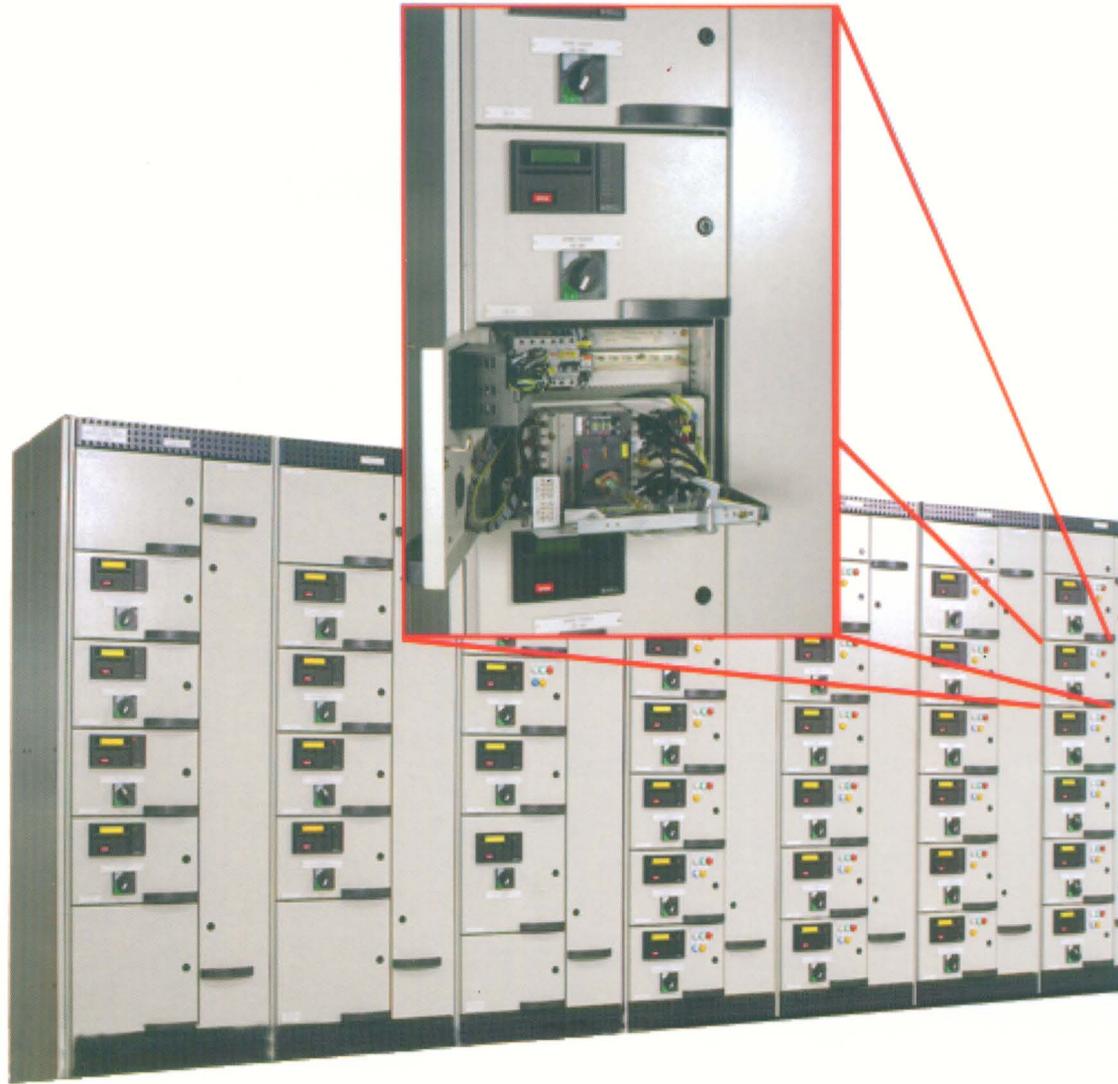
1



2



3



Blokset, multi-function range

- Distribution switchboard (Type D)
- Power factor correction Column (Type Dc)
- Motor control centre (fixed: Type Mf)
- Motor control centre (withdrawable: Type Mw)
- Variable-speed drives and starters column (Type Ms)
- Cubicles (Type C)

Comprehensive

Blokset is a complete system integrating Schneider Electric switchgear components. All Schneider Electric protective devices are designed and manufactured for optimum coordination and can now be installed in a switchboard designed specifically for them.

An Intelligent system

ready to integrate devices containing advanced protection and communication functions for electrical distribution and motor control.

Dependable

Blokset has been designed to improve reliability and quality:

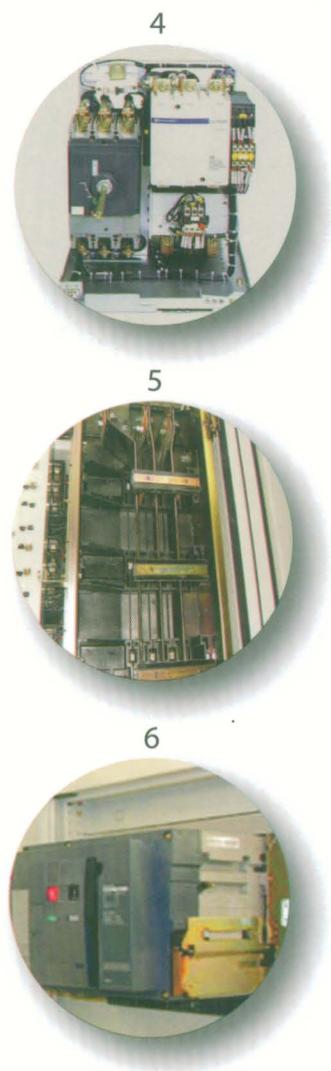
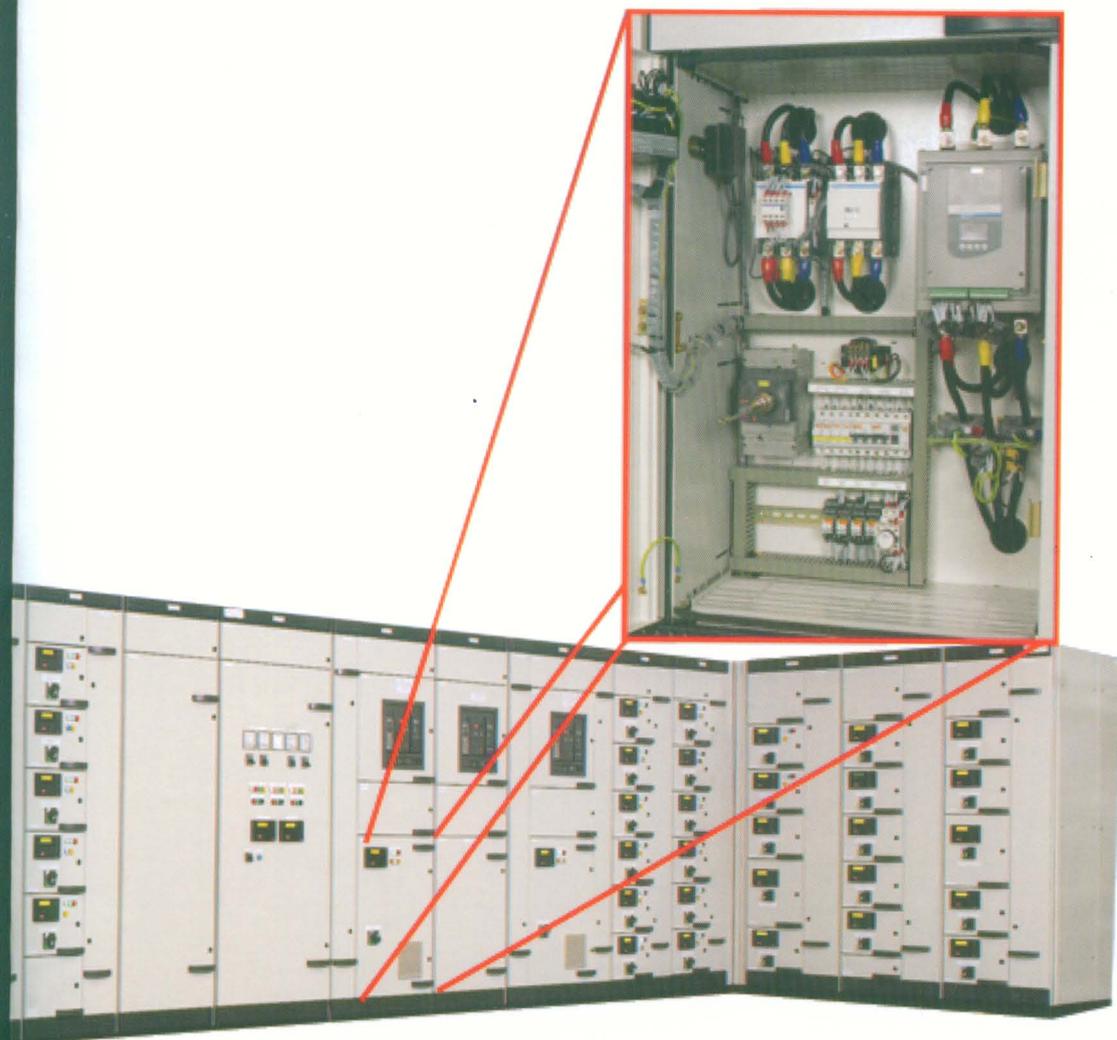
- Complies with international standards
- Tested according to these standards
- Manufactured in ISO certified facilities.

Flexible

- Flexibility and availability through local manufacturing
- Guaranteed by a worldclass electrical switchboard manufacturer
- Proximity of specialised teams.

Modular

Blokset is composed of standard prefabricated components which guarantee Flexibility and quick manufacture, modification or extension.



Blokset, maximum dependability for your electrical installations

- **Safety**
Protection of life and property
- **Reliability**
Operation without breakdowns
- **Availability**
Maximum uptime
- **Maintainability**
Fast servicing
- **Intelligence**
Anticipate failures and control
their possible consequences

The heavy constraints on industrial and commercial users have redefined the concept of dependability.

This is characterised by a balance between the user's needs in terms of safety and availability and the means implemented to satisfy these needs in terms of reliability and maintainability.

The needs for dependability vary according to the type of installation. With its flexibility and adaptability, the Blokset system offers an appropriate solution for the central link represented by the low voltage switchboard.

- 1 Main busbars
- 2 Fixed motor control subassembly
- 3 Outgoing cable connection
- 4 Motor control centre (withdrawable type)
- 5 Blokset Mw busbars
- 6 Withdrawable feeder unit

CHARACTERISTICS

Standards

Blokset complies with the main international standards:

- IEC 60439-1 relating to construction of low voltage switchgear and controlgear assemblies.
- IEC 60529 defining the degrees of protection provided by enclosures.
- IEC 60068-2-11 defining resistance to salt mist.
- IEC 60068-2-30 defining resistance to damp heat.

Construction

- Metal frames: folded sheet metal,
- Paint: epoxy powder polymerised at high temperature,
- Plastic components: self-extinguishing, in particular the supports for bare live conductors.

Connections

- Front and/or rear access,
- Conductor entry from top and/or bottom.

Switchgear:

- Three pole or four pole,
- Three types of electrical connections:
 - Fixed,
 - Plug-in (Circuit breaker),
 - Withdrawable.

Electrical

Type	(D 132)	Dc (132)	Mf (132)	Ms (132)	Mw (132)	C (132)
Rated voltage						
Rated insulation voltage	1000 V AC	1000 V AC	1000 V AC	1000 V AC	1000 V AC	1000 V AC
Rated operational voltage	690 V AC	690 V AC	690 V AC	690 V AC	690 V AC	690 V AC
Current						
Rated short-time withstand current	up to 100 kA-1s	up to 85 kA-1s	up to 100 kA-1s	up to 100 kA-1s	up to 100 kA-1s	up to 25 kA-1s
Rated peak withstand current	up to 220 kA	up to 187 kA	up to 220 kA	up to 220 kA	up to 220 kA	up to 53 kA
Rated current						
Main busbars	up to 6300 A	up to 4000 A	up to 6300 A	up to 6300 A	up to 6300 A	--
Distribution busbars	up to 3200 A	--	up to 3200 A	up to 3200 A	1000A	630A

Mechanical

Forms	1 - 2b - 3b - 4	1 - 2b	1 - 2b - 3b - 4	1 - 2b - 3b - 4	3b - 4	1
Degree of protection	IP 20 - 31 - 42 - 54	IP 20 - 31	IP 20 - 31 - 42 - 54	IP 20 - 31 - 42	IP 20 - 31 - 42 - 54	IP 42 - 54
Dimensions (mm)						
Width	700 / 900 /	700	700 / 900 /	700 / 900 / 1100	500 / 700 / 900	700
	1100 / 1200 / 1300		1100 / 1300			
Depth	400 / 600 / 1000	400 / 600	400 / 600 / 1000	400 / 900 / 1100	600 / 1000	200 / 300
Overall height	2200	2200	2200	2200	2200	1000 / 1400
Functional height	40 modules	6 step of	40 modules	40 modules	23 units	20 / 28 modules
	of 50 mm	6 modules	of 50 mm	of 50 mm	of 1,5 modules	

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