Control Desks
Spacial SD

Schneider Electric Universal Enclosures
2009



Schneider Electric

Schneider Electric Universal Enclosures
The specialist in sealed equipment

What is the mission of Schneider Electric Universal Enclosures?

> Schneider Electric Universal Enclosures has the mission to develop and be in charge of the Universal Enclosure Business for the Schneider Electric Group.

> Schneider Electric Universal Enclosures is based on two historical companies created in 1958, Himel with origin in Spain and Sarel with origin in France. Both companies have developed more than 50 years of experience in the design, manufacturing and marketing of universal enclosures systems.

> Himel and Sarel brands are going to migrate within Schneider Electric which is an ambitious corporate project that will make everyone's day-to-day work easier, both clients and collaborators.

Why do we migrate our brands?

Here are some of the benefits of working with a single brand:

> Our daily work will be simpler, it is easier to deal with a single brand and with common documentation and resources.

> Your clients will recognize our product offer and ranges better thanks to a single packing and communication focused on Schneider Electric.

> It will be much easier to create solutions based on the products of a single brand.

What is good for Schneider Electric is also good for our clients and collaborators!

> **The scope of this guide is limited to the ranges migrating last quarter of 2009. These ranges are Floor Standing, Control Desks, Thermal offer, Stainless Steel and Plastic Industrial Boxes.**



Customer needs + **Brand migration** = **Schneider Electric** Solutions

How will be the migration process?

The migration process of the ranges in the scope of this guide will be conducted in a range-by-range basis during the last quarter of 2009, and each one of the range migrations will be performed in two phases:

Phase 1: new packing

This phase began in the second half of 2009, and will focus on harmonizing the packing with Schneider Electric.

Phase 2: new product marking

As of the fourth quarter of 2009, some product families will start to carry the Schneider Electric logo. This process will be performed progressively range by range.

> To guarantee a global offer and a harmonized coding and marking system, we are also going to change our references for all our ranges.

Control desks
Introduction



Monobloc control desk without console



Monobloc control desk with removable rear panel



Monobloc control desk with console and desk

Monobloc control desk
3 versions to meet your needs

Common characteristics

These control desks are equipped with:
- A pneumatic opening stay on the opening of the desk lid.
- A cable-gland plate in two adjustable parts for cable entry.
- Hinges with removable pins for quick door removal or reversal of opening direction.
- Two perforated vertical rails on the desk lid for quick installation of cables and cable ducts.
- Control desk with rear access. The rear panel is removable.
- RAL 7035.

Common specifications

- Control desk equipped with adjustment rails with a pitch of 25 mm and brackets allowing depth adjustment of the mounting plate.
- Welded folded sheet steel, thickness 15 / 10 mm. Structured finish, epoxy-polyester powder paint, colour RAL 7035 grey.
- Protection rating IP 55. Resistance to external mechanical impacts IK 10.
- Reversible door opening to 120°. Locking by 3-mm double-bar lock (other inserts or barrels also available, to be ordered separately).
- Desk lid equipped with a pneumatic opening stay. Opens to 75°. Perforated reinforcement rails with a pitch of 25 mm.
- Cable-gland plate with 2 adjustable parts, with polyurethane gasket.
- M8 × 18-mm earthing screw for equipotential connection between the door and the body.
- Two versions available: with and without mounting plate.

Specifications for Monobloc control desk with removable rear panel

- Control desk with rear access. The rear panel is removable.
- Also available in stainless steel (consult us).

Specifications for Monobloc control desk with console and desk

- A front console door held by a mechanical stay.
- One or two rear doors covering the entire height of the control desk.
- One or two front doors in the lower part.
- Rear door equipped with a three-point lock, activated by a linkage, with a 5-mm double-bar insert.
- Hinged console cover equipped with a pneumatic opening stay. Opens to 75°.
- Locking of the doors, the top lid and the hinged console cover by a 3-mm double-bar lock (other inserts or barrels also available, to be ordered separately).

Control desks
Introduction



Without mounting plate



With mounting plate

Monobloc control desk without console

Dimensions (mm)			Door number	Control desk reference	
Width (B)	Height	Depth		With mounting plate	Without mounting plate
600	1000	466	1	NSYSD6P	NSYSD6
800	1000	466	1	NSYSD8P	NSYSD8
1000	1000	466	2	NSYSD10P	NSYSD10
1200	1000	466	2	NSYSD12P	NSYSD12



Without mounting plate



With mounting plate

Monobloc control desk with removable rear panel

Dimensions (mm)			Door number	Control desk reference	
Width (B)	Height	Depth		With mounting plate	Without mounting plate
600	1000	597	1	NSYSD6RP	NSYSD6R
800	1000	597	1	NSYSD8RP	NSYSD8R
1000	1000	597	2	NSYSD10RP	NSYSD10R
1200	1000	597	2	NSYSD12RP	NSYSD12R

*Also available in stainless steel (consult us).



Modular console in RAL 7035 grey sheet steel

Console (mm)		Reference
Width (B)	Depth	
400	200	NSYSDC42
400	300	NSYSDC43
600	200	NSYSDC62
600	300	NSYSDC63

*Also available in stainless steel (consult us).



Blanking cover

Blanking cover length (mm)	Reference RAL 7035
200	NSYRP2
400	NSYRP4
600	NSYRP6
800	NSYRP8

*Also available in stainless steel (consult us).



Control desk with RAL 7035 grey console

Control desk with console (mm)			Control desk reference	
Width (B)	Height	Depth	With mounting plate	Without mounting plate
800	1400	845	NSYSDF88	NSYSDF88P
1000	1400	845	NSYSDF108	NSYSDF108P
1200	1400	845	NSYSDF128	NSYSDF128P
1600	1400	845	NSYSDF168	NSYSDF168P
800	1400	1045	NSYSDF810	NSYSDF810P
1000	1400	1045	NSYSDF1010	NSYSDF1010P
1200	1400	1045	NSYSDF1210	NSYSDF1210P
1600	1400	1045	NSYSDF1610	NSYSDF1610P

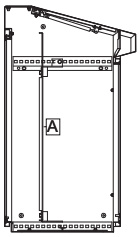
Composition accessories
Floor accessories



Plinths

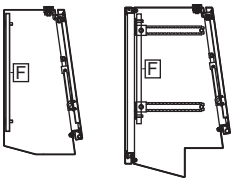
New modular solution, with separate front and side panel.
For more information visit our website www.schneider-electric.com

Nominal dimensions (mm)		Front plinth reference (mm)		Control desk plinth side panel reference (mm)	
Width	Depth	100	200	100	200
600	400	NSYSPF6100	NSYSPF6200	NSYSPS4100SD	NSYSPS4200SD
600	500	NSYSPF6100	NSYSPF6200	NSYSPS5100SD	NSYSPS5200SD
800	400	NSYSPF8100	NSYSPF8200	NSYSPS4100SD	NSYSPS4200SD
800	500	NSYSPF8100	NSYSPF8200	NSYSPS5100SD	NSYSPS5200SD
800	600	NSYSPF8100	NSYSPF8200	NSYSPS6100SD	NSYSPS6200SD
1000	400	NSYSPF10100	NSYSPF10200	NSYSPS4100SD	NSYSPS4200SD
1000	500	NSYSPF10100	NSYSPF10200	NSYSPS5100SD	NSYSPS5200SD
1000	600	NSYSPF10100	NSYSPF10200	NSYSPS6100SD	NSYSPS6200SD
1200	400	NSYSPF12100	NSYSPF12200	NSYSPS4100SD	NSYSPS4200SD
1200	500	NSYSPF12100	NSYSPF12200	NSYSPS5100SD	NSYSPS5200SD
1200	600	NSYSPF12100	NSYSPF12200	NSYSPS6100SD	NSYSPS6200SD
1600	400	NSYSPF16100	NSYSPF16200	NSYSPS4100SD	NSYSPS4200SD
1600	600	NSYSPF16100	NSYSPF16200	NSYSPS6100SD	NSYSPS6200SD



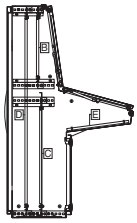
Plain galvanized mounting plate for control desks without console (A)

Control desk width (mm)	Reference
600	NSYPMP8560
800	NSYPMP8580
1000	NSYPMP85100
1200	NSYPMP85120



Mounting plate for modular console (F)

Console width (mm)	Plain	Microperforated	Telequick
400	NSYMM44	NSYMF44	NSYMR44
600	NSYMM64	NSYMF64	NSYMR64



Mounting plate for control desks with console and desk

Console width (mm)	Plain mounting plate			
	Pos (B)	Pos (C)	Pos (D)	Pos (E)
800	NSYPMP4580	NSYPMP8580	NSYMP148	NSYSPMP4080
1000	NSYPMP45100	NSYPMP85100	NSYMP1410	NSYSPMP40100
1200	NSYPMP45120	NSYPMP85120	NSYMP1412	NSYSPMP40120
1600	NSYPMP45160	NSYPMP85160		NSYSPMP40160





Console width (mm)	Telequick mounting plate		
	Pos (A) & Pos (C)	Pos (B)	Pos (D)
600	NSYTMP6760	NSYTMP4280	2 × NSYSTMP6080
800	NSYTMP6780	NSYTMP42100	2 × NSYSTMP60100
1000	NSYTMP67100	NSYTMP42120	2 × NSYSTMP60120
1200	NSYTMP67120		

Mounting accessories
Installation accessories



Adjustment rails and fixing brackets

For control desks with console depth (mm)	Reference
400	**NSYMPB4SD**
600	**NSYMPB4SD**



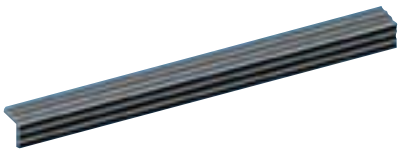
Technical uprights

For control desk height (mm)	Centre-to-centre distance (mm)	Reference
1000	650	**NSYTVR10**
1400	1250	**NSYTVR14**



Pneumatic opening stay

Maximum load per stay (kg)	Stay reference
24	**NSYPLS24**
29	**NSYPLS30**



Document lip

Control desk width (mm)	Reference
600	**NSYDL6**
800	**NSYDL8**
1000	**NSYDL10**
1200	**NSYDL12**
1600	**NSYDL16**



PC screen support

For width (mm)	Reference
800	**NSYPCS8**
1000	**NSYPCS10**
1000	**NSYPCS12**
1200	**NSYPCS16**

Make the most of your energy

Contact:
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www.schneider-electric.ro

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