



DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. E-10895

Holder of Certificate

Schneider Electric SA
RUEIL MAMAISON, France

This is to certify that the
Enclosure for Electrical Equipment

with type designation(s)
Spacial NSYSF

is found to comply with

Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and Det Norske Veritas' Offshore Standards

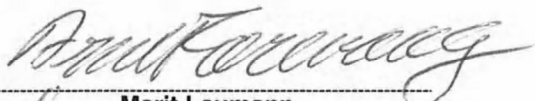
Application

Enclosure protection	IP 55
Vibration class	A

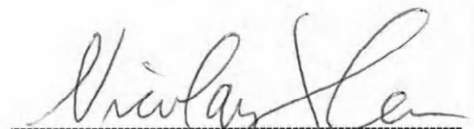
Høvik, 2011-03-31
for Det Norske Veritas AS



This Certificate is valid until
2014-12-31


for **Marit Laumann**
Head of Section

DNV local office:
Barcelona


Nicolay Horn
Surveyor
lvbu

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Certificate No.: E-10895
 File No.: 829.20
 Job Id.: 262.1-009482-2

Product description

External dimensions			front doors	Plain door		Transparent door
				with mounting plate	without mounting plate	without mounting plate
H	W	D	no.	ref. no	ref. no	ref. no
mm	mm	mm				
1200	600	400	1	NSYSF12640P	NSYSF12640	-
1600	600	400	1	NSYSF16640P	NSYSF16640	-
1200	800	400	1	NSYSF12840P	NSYSF12840	-
1400	600	400	1	NSYSF14640P	NSYSF14640	-
1400	800	400	1	NSYSF14840P	NSYSF14840	-
1600	600	600	1	NSYSF16660P	NSYSF16660	-
1600	600	800	1	NSYSF16680P	NSYSF16680	-
1600	800	600	1	NSYSF16860P	NSYSF16860	-
1600	800	800	1	NSYSF16880P	NSYSF16880	-
1800	400	400	1	-	NSYSF18440	-
1800	400	500	1	-	NSYSF18450	-
1800	400	600	1	-	NSYSF18460	-
1800	600	400	1	NSYSF18640P	NSYSF18640	NSYSF18640T
1800	800	500	1	NSYSF18850P	NSYSF18850	NSYSF18650T
1800	600	600	1	NSYSF18660P	NSYSF18660	-
1800	600	800	1	-	-	NSYSF18680T
1800	800	400	1	NSYSF18840P	NSYSF18840	NSYSF18840T
1800	800	500	1	NSYSF18850P	NSYSF18850	NSYSF18850T
1800	800	600	1	NSYSF18860P	NSYSF18860	NSYSF18860T
1800	800	600	2	NSYSF188602DP	NSYSF188602D	-
1800	1000	400	1	NSYSF181040P	NSYSF181040	-
1800	1000	400	2	NSYSF1810402DP	NSYSF1810402D	-
1800	1000	500	1	NSYSF181050P	NSYSF181050	-
1800	1000	600	1	NSYSF181060P	NSYSF181060	-
1800	1000	600	2	NSYSF1810602DP	NSYSF1810602D	-
1800	1200	400	2	NSYSF1812402DP	NSYSF1812402D	-
1800	1200	500	2	NSYSF1812502DP	NSYSF1812502D	-
1800	1200	600	2	NSYSF1812602DP	NSYSF1812602D	-
2000	300	500	1	-	NSYSF20350	-
2000	300	600	1	-	NSYSF20360	-
2000	300	800	1	-	NSYSF20380	-
2000	400	400	1	-	NSYSF20440	-
2000	400	500	1	-	NSYSF20450	-



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External dimensions			front doors	Plain door		Transparent door
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H	W	D	no.	ref. no	ref. no	ref. no
mm	mm	mm				
2000	400	600	1	-	NSYSF20460	-
2000	400	800	1	-	NSYSF20480	-
2000	600	400	1	NSYSF20640P	NSYSF20640	NSYSF20640T
2000	600	500	1	NSYSF20650P	NSYSF20650	NSYSF20650T
2000	600	600	1	NSYSF20660P	NSYSF20660	-
2000	600	800	1	NSYSF20680P	NSYSF20680	-
2000	800	400	1	NSYSF20840P	NSYSF20840	NSYSF20840T
2000	800	500	1	NSYSF20850P	NSYSF20850	NSYSF20850T
2000	800	600	1	NSYSF20860P	NSYSF20860	NSYSF20860T
2000	800	600	2	NSYSF208602DP	NSYSF208602D	-
2000	800	800	1	NSYSF20880P	NSYSF20880	NSYSF20880T
2000	1000	400	1	NSYSF201040P	NSYSF201040	NSYSF201040T
2000	1000	400	2	NSYSF2010402DP	NSYSF2010402D	-
2000	1000	500	1	NSYSF201050P	NSYSF201050	NSYSF201050T
2000	1000	500	2	NSYSF2010502DP	NSYSF2010502D	-
2000	1000	600	1	NSYSF201060P	NSYSF201060	NSYSF201060T
2000	1000	600	2	NSYSF2010602DP	NSYSF2010602D	-
2000	1200	400	2	NSYSF2012402DP	NSYSF2012402D	-
2000	1200	500	2	NSYSF2012502DP	NSYSF2012502D	-
2000	1200	600	2	NSYSF2012602DP	NSYSF2012602D	-
2000	1200	800	2	NSYSF2012802DP	NSYSF2012802D	-
2000	1600	400	2	NSYSF2016402DP	NSYSF2016402D	-
2000	1600	500	2	NSYSF2016502DP	NSYSF2016502D	-
2000	1600	600	2	NSYSF2016602DP	NSYSF2016602D	-
2200	400	600	1	-	NSYSF22460	-
2200	600	600	1	NSYSF22660P	NSYSF22660	-
2200	600	800	1	NSYSF22680P	NSYSF22680	-
2200	800	800	1	NSYSF22880P	NSYSF22880	-
2200	800	800	1	NSYSF22880P	NSYSF22880	NSYSF22880T
2200	1000	600	1	NSYSF221060P	NSYSF221060	-
2200	1200	600	2	NSYSF2212602DP	NSYSF2212602D	-
2200	1200	800	2	NSYSF2212802DP	NSYSF2212802D	-



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Manufactured by

HISPANO Mecano Electrica S.A
CAPELLADES BARCELONA, Spain

SAREL APPAREILLAGE ELECTRIQUE S.A.S.
67260 SARRE-UNION, France

Type Approval documentation

Brochure: Schneider Electrical Catalogue "SF Suitable metal enclosures" page 3/20 (extract from Universal Enclosures general catalogue 2010)

Test reports: BV "Certificano de Inspeccion".no. 08/2P/1/000096, undated. Applus test report nos.10/31700748 & 749, dated 2010-04-30.", AIMME test report nos. S10 00793 dated 2010-07-01 & S10 00329 dated 2010-05-06.

Tests carried out

Type tests in accordance with EN / IEC 62208, Vibration test (according to section 3.6.2 Sweep sine test specification of the document Standard for certification n° 2.4-Environmental test specification for instrumentation and automation equipment requirements by Det Norske Veritas)

Marking of product

Schneider Electric. - Type designation - Reference number

Certificate Retention Survey

The scope of the retention/renewal survey is to verify that the conditions stipulated for the type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the survey to be dealt with:

- Ensure that type approved documentation is available.
- Ensure that materials used comply with type approved documents and/or referenced material specifications.
- Review design, materials, performance and production process with respect to possible changes, in order to ensure compliance with the type approved documentation and/or referenced material specifications.
- Ensure traceability between manufacturer's product marking and the DNV Type Approval Certificate.

Survey to be performed at least every second year.

END OF CERTIFICATE