DNV·GL

Certificate No:
TAE000014U

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Enclosure for Electrical Equipment

with type designation(s)
Spacial NSY S3D, S3DM, S3DB & VDM

Issued to
Schneider Electric Industries SAS
RUEIL MALMAISON, France

is found to comply with
DNV GL rules for classification – Ships and offshore units

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

Type	Enclosure protection	Vibration class
Spacial NSY S3D, S3DM, S3DB & VDM	**IP 66 and 55**	**A (Empty enclosure)**

This Certificate is valid until **2021-06-30**.

Issued at **Høvik** on **2016-06-27**

for **DNV GL**

DNV GL local station: **Le Havre**

Approval Engineer: **Marta Alonso Pontes**

Marit Laumann
Head of Section

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.

© DNV GL 2014. DNV GL and the Horizon Graphic are trademarks of DNV GL AS.

Job Id: **262.1-006328-4**
Certificate No: **TAE000014U**

Name and place of manufacturer

SAREL APPAREILLAGE ELECTRIQUE SAS
52, rue de Phalsbourg
67260 SARRE-UNION

Product description

Spacial NSY 3D front door/ rear panel, with or without plain chassis

External dimensions			Front doors	With plain front door	With plain front door+plain chasis	With altuglas glazed front door without chasis
H	W	D	No.	Ref. no		
mm	mm	mm				
300	200	150	1	NSYS3D3215	NSYS3D3215P	
300	250	150	1	NSYS3D32515	NSYS3D32515P	NSYS3D32515T
300	300	150	1	NSYS3D3315	NSYS3D3315P	NSYS3D3315T
300	300	200	1	NSYS3D3320	NSYS3D3320P	NSYS3D3320T
300	400	150	1	NSYS3D3415	NSYS3D3415P	NSYS3D3415T
300	400	200	1	NSYS3D3420	NSYS3D3420P	NSYS3D3420T
400	300	150	1	NSYS3D4315	NSYS3D4315P	NSYS3D4315T
400	300	200	1	NSYS3D4320	NSYS3D4320P	NSYS3D4320T
400	400	200	1	NSYS3D4420	NSYS3D4420P	NSYS3D4420T
400	600	200	1	NSYS3D4620	NSYS3D4620P	NSYS3D4620T
400	600	250	1	NSYS3D4625	NSYS3D4625P	NSYS3D4625T
500	300	200	1	NSYS3D5320	NSYS3D5320P	NSYS3D5320T
500	400	200	1	NSYS3D5420	NSYS3D5420P	NSYS3D5420T
500	400	250	1	NSYS3D5425	NSYS3D5425P	NSYS3D5425T
500	500	200	1	NSYS3D5520	NSYS3D5520P	NSYS3D5520T
500	500	250	1	NSYS3D5525	NSYS3D5525P	NSYS3D5525T
600	400	200	1	NSYS3D6420	NSYS3D6420P	NSYS3D6420T
600	400	250	1	NSYS3D6425	NSYS3D6425P	NSYS3D6425T
600	500	250	1	NSYS3D6525	NSYS3D6525P	NSYS3D6525T
600	600	200	1	NSYS3D6620	NSYS3D6620P	NSYS3D6620T
600	600	250	1	NSYS3D6625	NSYS3D6625P	NSYS3D6625T
600	600	300	1	NSYS3D6630	NSYS3D6630P	NSYS3D6630T
600	600	400	1	NSYS3D6640	NSYS3D6640P	NSYS3D6640T
600	800	300	1	NSYS3D6830	NSYS3D6830P	NSYS3D6830T
700	500	250	1	NSYS3D7525	NSYS3D7525P	NSYS3D7525T
800	600	200	1	NSYS3D8620	NSYS3D8620P	NSYS3D8620T
800	600	250	1	NSYS3D8625	NSYS3D8625P	NSYS3D8625T
800	600	300	1	NSYS3D8630	NSYS3D8630P	NSYS3D8630T
800	600	400	1	NSYS3D8640	NSYS3D8640P	NSYS3D8640T
800	800	250	1	NSYS3D8825	NSYS3D8825P	NSYS3D8825T
800	800	300	1	NSYS3D8830	NSYS3D8830P	NSYS3D8830T
800	1000	300	1	NSYS3D81030	NSYS3D81030P	
800	1000	300	2	NSYS3D81030D	NSYS3D81030DP	
800	1200	300	2	NSYS3D81230D	NSYS3D81230DP	
1000	600	250	1	NSYS3D10625	NSYS3D10625P	NSYS3D10625T
1000	600	300	1	NSYS3D10630	NSYS3D10630P	NSYS3D10630T
1000	600	400	1	NSYS3D10640	NSYS3D10640P	NSYS3D10640T
1000	800	250	1	NSYS3D10825	NSYS3D10825P	NSYS3D10825T
1000	800	300	1	NSYS3D10830	NSYS3D10830P	NSYS3D10830T
1000	800	400	1	NSYS3D10840	NSYS3D10840P	NSYS3D10840T
1000	1000	300	1	NSYS3D101030	NSYS3D101030P	NSYS3D101030T
1000	1000	300	2	NSYS3D101030D	NSYS3D101030DP	NSYS3D101030DT
1000	1200	300	2	NSYS3D101230D	NSYS3D101230DP	

External dimensions			Front doors	With plain front door	With plain front door+plain chasis	With altuglas glazed front door without chasis
H	W	D	No.	Ref. no		
mm	mm	mm				
1000	1200	400	2	NSYS3D101240D	NSYS3D101240DP	
1200	600	300	1	NSYS3D12630	NSYS3D12630P	NSYS3D12630T
1200	600	400	1	NSYS3D12640	NSYS3D12640P	NSYS3D12640T
1200	800	300	1	NSYS3D12830	NSYS3D12830P	NSYS3D12830T
1200	800	400	1	NSYS3D12840	NSYS3D12840P	NSYS3D10840T
1200	1000	300	1	NSYS3D121030	NSYS3D121030P	NSYS3D121030T
1200	1000	300	2	NSYS3D121030D	NSYS3D121030DP	NSYS3D121030DT
1200	1000	400	2	NSYS3D121040D	NSYS3D121040DP	
1200	1200	300	2	NSYS3D121230D	NSYS3D121230DP	
1200	1200	400	2	NSYS3D121240D	NSYS3D121240DP	
1400	1000	300	2	NSYS3D141030D	NSYS3D141030DP	

Spacial NSY S3DM Modular enclosure

External dimensions		No. of modules	Modular chassis ref.no	Plain front plate ref.no	Plain chassis ref.no
H	W		Ref.no		
mm	Mm				
400	300	24	NSYS3DM4315T	-	-
500	400	48	NSYS3DM5415T	-	-
600	400	48	NSYS3DM6415T	-	-
600	600	84	NSYS3DM6615T	-	-
700	500	66	NSYS3DM7515T	-	-
700	500	88	NSYS3DM7515T	-	-
800	600	84	NSYS3DM8615T	-	-
800	600	112	NSYS3DM8615T	-	-
1000	600	168	NSYS3DM10615T	-	-
1000	800	240	NSYS3DM10815T	-	-

Spacial NSY VDM 19” rack

External dimensions			Thickness	Thickness	Parts number	Ref. no
H	W	D	Body	Door		
mm	mm	mm	mm	mm		
300	600	400	1.5	1.2	1	NSYVDM4U4P
400	600	400	1.5	1.2	1	NSYVDM7U4P
500	600	400	1.5	1.2	1	NSYVDM9U4P
700	600	400	1.5	1.5	1	NSYVDM13U4P
800	600	400	1.5	1.5	1	NSYVDM16U4P
300	600	400	1.5	1.2	1	NSYVDM5U4F
400	600	400	1.5	1.2	1	NSYVDM8U4F
500	600	400	1.5	1.2	1	NSYVDM10U4F
700	600	400	1.5	1.5	1	NSYVDM14U4F
800	600	400	1.5	1.5	1	NSYVDM17U4F

Spacial NSY S3DB Terminal enclosure

External dimensions			Thickness	Thickness	Ref. no
H	W	D	Body	Door	
mm	mm	mm	mm	mm	
250	300	150	1	1	NSYS3DB25315
250	400	150	1	1	NSYS3DB25415
250	500	150	1	1.2	NSYS3DB25515
300	300	150	1	1	NSYS3DB3315
300	400	150	1	1	NSYS3DB3415
300	500	150	1.2	1.2	NSYS3DB3515
300	600	150	1.2	1.2	NSYS3DB3615
400	300	150	1	1	NSYS3DB4315
400	800	150	1.2	1.5	NSYS3DB4815
500	400	150	1.2	1.2	NSYS3DB5415
600	400	150	1.2	1.2	NSYS3DB6415

Type Approval documentation

Tests carried out
Type tests in accordance with EN / IEC 62208:2011 (ed. 2.0), Vibration test with empty enclosure.

Marking of product
Schneider Electric. - Type designation - Reference number

Periodical assessment
The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routine tests (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer’s product type marking and Type Approval Certificate.

Assessment to be performed at least every second year.

END OF CERTIFICATE