

# TYPE APPROVAL CERTIFICATE

**This is to certify:****That the Enclosure for Electrical Equipment**with type designation(s)  
**MCS, MCD, MCSS & MCDS**Issued to  
**ELDON HOLDING ESPAÑA S.L.**  
**Pozuelo de Alarcón Madrid, Spain**is found to comply with  
**DNV GL rules for classification – Ships, offshore units, and high speed and light craft****Application :****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.****Degree of protection** MCS IP56, MCD IP55, MCSS IP56 & MCDS IP55  
**Vibration class** AIssued at **Høvik** on **2017-12-19**for **DNV GL**This Certificate is valid until **2022-12-31**.DNV GL local station: **Galatz**Approval Engineer: **Nicolay Horn**

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**Andreas Kristoffersen**  
**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.



Job Id: **262.1-000247-4**  
Certificate No: **TAE00001N2**  
Revision No: **1**

## Name and place of manufacturer

ELDON Romania SRL  
Calle Bruxelles no. 4  
Industrial Park Graells & Llonch Prejmer  
507165 - Prejmer  
Brasov, Romania

## Product description

MCS: Mild steel Single door  
MCD: Mild steel Double door

MCSS: Stainless steel Single door  
MCDS: Stainless steel Double door

Reference	External Dimension H x W x D
MCS18064R5	1800 x 600 x 400
MCS18065R5	1800 x 600 x 500
MCS18066R5	1800 x 600 x 600
MCS18084R5	1800 x 800 x 400
MCS18085R5	1800 x 800 x 500
MCS18086R5	1800 x 800 x 600
MCS18104R5	1800 x 1000 x 400
MCS18105R5	1800 x 1000 x 500
MCS20064R5	2000 x 600 x 400
MCS20065R5	2000 x 600 x 500
MCS20066R5	2000 x 600 x 600
MCS20068R5	2000 x 600 x 800
MCS20074R5	2000 x 700 x 400
MCS20084R5	2000 x 800 x 400
MCS20085R5	2000 x 800 x 500
MCS20086R5	2000 x 800 x 600
MCS20088R5	2000 x 800 x 800
MCS20104R5	2000 x 1000 x 400
MCS20105R5	2000 x 1000 x 500
MCS20106R5	2000 x 1000 x 600
MCS20108R5	2000 x 1000 x 800
MCS22066R5	2200 x 600 x 600
MCS22068R5	2200 x 600 x 800
MCS22086R5	2200 x 800 x 600
MCS22088R5	2200 x 800 x 800
MCD18085R5	1800 x 800 x 500
MCD18104R5	1800 x 1000 x 400
MCD18105R5	1800 x 1000 x 500
MCD18124R5	1800 x 1200 x 400

Reference	External Dimension H x W x D
MCD18125R5	1800 x 1200 x 500
MCD18164R5	1800 x 1600 x 400
MCD20085R5	2000 x 800 x 500
MCD20104R5	2000 x 1000 x 400
MCD20105R5	2000 x 1000 x 500
MCD20106R5	2000 x 1000 x 600
MCD20108R5	2000 x 1000 x 800
MCD20124R5	2000 x 1200 x 400
MCD20125R5	2000 x 1200 x 500
MCD20126R5	2000 x 1200 x 600
MCD20128R5	2000 x 1200 x 800
MCD20144R5	2000 x 1400 x 400
MCD20164R5	2000 x 1600 x 400
MCD20165R5	2000 x 1600 x 500
MCD20166R5	2000 x 1600 x 600
MCD22106R5	2200 x 1000 x 600
MCD22126R5	2200 x 1200 x 600
MCSS18065	1800 x 600 x 500
MCSS18085	1800 x 800 x 500
MCSS18105	1800 x 1000 x 500
MCSS20066	2000 x 600 x 600
MCSS20086	2000 x 800 x 600
MCSS20106	2000 x 1000 x 600
MCDS18105	1800 x 1000 x 500
MCDS18125	1800 x 1200 x 500
MCDS20126	2000 x 1200 x 600

## Application/Limitation

Enclosure protection: MCS IP56, MCD IP55, MCSS IP56, MCDS IP55

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## **Type Approval documentation**

Catalogue: "ELDON ENCLOSURE SYSTEMS General Catalogue January 90" (parts).

Test reports: KEMA no. 92.9318-KCS/TC 93-1006 dated 1994-06-21, KEMA no. 2086918.01, dated 2008-02-04, KEMA No. 2086918.50 dated 2008-01-28 and KEMA no. 2121769.0501-QUA/EMC dated 2008-12-14 and TNO report No CMC-2004-R039.

## **Tests carried out**

Type tests in accordance with IEC/EN 62208, Enclosure protection (IP), Vibration test (Pt.4, Ch.8).

## **Marking of product**

ELDON HOLDING - Type designation - Manufacturing place / Country

## **Periodical assessment**

The scope of the periodical assessment 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 assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- 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 2 and 3,5 year and at renewal.

END OF CERTIFICATE