



TYPE APPROVAL CERTIFICATE

Certificate No. : PAR27956-EL005 **Initial Approval** : 16th May, 2019
Product : Fuse Holders
Manufacturer : Mersen France SB S.A.S.
15 Rue Vaucanson, 69720 Saint Bonnet de Mure, France

Product Description : Type : CMC8 and CMC10/CUS10

" See Appendix 1 "

Approval Condition : " See Appendix 1 "

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows and entered in the "List of Approved Manufacturers and Type Approved Equipment".

Pt. 6, Ch. 1, Art. 802 of the Rules for Classification, Steel Ships, IEC 60269-2, IEC 60947-3

This Certificate is valid until 15th May, 2024

Issued at Busan, Korea on 16th May, 2019



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No (ME19011814719) and certificate No.(PAR27956-EL005).



KOREAN REGISTER OF SHIPPING

*General Manager of
Marine & Ocean Equipment Team*

- Note :**
1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
 2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
 3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
 4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

Appendix 1

Product Description and/or Approval Condition

Certificate No : PAR27956-EL005

Date of Issue : 16th May, 2019

A. Product Description

1. Product Specification

1) Product Descriptions

CMC8 and CMC10/CUS10 are Modular Fuse Holders.

2) Product Comprising

| Type | Fuse-links | Rated Voltage | Rated Current | Number of Poles |
|--------------|------------|---------------|---------------|-----------------|
| CMC8 | 8.5×31.5 | 400 V | 25 A | Max 4 |
| CMC10(CUS10) | 10×38 | 690 V | 32 A | Max 4 |

2. Approved Drawings and Documents

1) Layouts and Specification

- DS-LACYCS8-01-0418_EN (CMC8)
- DS-LACYCS10-01-0418_EN (CMC10)
- DS-PACYCUS10-01-0418_EN (CUS10)

2) IEC CB Certificates

- DE1-60700 (2018-07-23), DE1-60710 (2018-07-23),
DE1-60892 (2018-08-29), DE1-60893 (2018-08-29)

3. Test Reports, etc.

1) IEC CB Test Reports

- 249845-TL3-1 (2018-08-28), 249846-TL3-1 (2018-08-28),
250080-TL3-1 (2018-07-19), 250080-TL3-2 (2018-07-19),
250082-TL3-1 (2018-07-19), 250082-TL3-2 (2018-07-19) issued by VDE

B. Approval Condition

1. Application & Limitation

- 1) This Approval is granted on the basis of the test reports and the approved documentation.
- 2) Degree of protection shall be complied with Rule Pt.6 Ch.1 Sec.2 201.2.(5).

2. Individual Product Cert. and Drawing Approval Requirement

- 1) Individual Product Certification is not required.

3. Marking

- 1) The product or packing is to be marked with manufacturer name and type designation on a suitable position.

4. Others

N/A

< End of Certificate >