



Lloyd's  
Register

## Type Approval Certificate Extension

This is to certify that Certificate No. 98/ 00011(E4) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

|                            |                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCER</b>            | Socomec S.A.                                                                                                                                   |
| <b>PLACE OF PRODUCTION</b> | 1 Route de Westhouse<br>67235 Benfeld<br>France                                                                                                |
| <b>DESCRIPTION</b>         | 3 and 4 pole Modular Switch - Disconnecter- Fuse.<br>DIN, NF and BS versions.                                                                  |
| <b>TYPE</b>                | Fuserbloc 32A to 400A.                                                                                                                         |
| <b>APPLICATION</b>         | Marine, offshore and industrial applications for use in environmental categories ENV1 and ENV2 as defined in LR Test Specification No.1: 2015. |
| <b>STANDARD</b>            | IEC 60947-3, edition 3.2:2015-07<br>EN 60947-3:A2:2015                                                                                         |

### RATINGS

| Version  | Rating (A) | Rated Voltage (V) | Utilization Category | Rated Current (A) | Breaking Capacity at 400 Vac |            |
|----------|------------|-------------------|----------------------|-------------------|------------------------------|------------|
|          |            |                   |                      |                   | kA                           | fuse       |
| NF       | 50         | 690               | AC-23A               | 50                | 100                          | 50Agl-gG   |
| DIN      | 63         | 690               | AC-23A               | 63                | 100                          | 63Agl-gG   |
| NF       | 100        | 690               | AC-23A               | 100               | 100                          | 100Agl-gG  |
| NF       | 125        | 500               | AC-23A               | 125               | 100                          | 125Agl-gG  |
| DIN      | 125        | 690               | AC-23A               | 125               | 100                          | 125Agl-gG  |
| DIN (00) | 160        | 500               | AC-23A               | 160               | 50                           | 160Agl-gG  |
| DIN (0)  | 160        | 500               | AC-23A               | 160               | 100                          | 160Agl-gG  |
| DIN      | 250        | 690               | AC-23A               | 250               | 100                          | 250Agl-gG  |
| DIN      | 400        | 400               | AC-23A               | 400               | 50                           | 400Agl-gG  |
| BS       | 32         | 690               | AC-23A               | 32                | 100                          | 32A (A1)gl |
| BS       | 63         | 690               | AC-23A               | 63                | 100                          | 63A (A3)gl |

|                        |               |
|------------------------|---------------|
| <b>Certificate No.</b> | 98/ 00011(E5) |
| <b>Issue Date</b>      | 9 March 2018  |
| <b>Expiry Date</b>     | 8 March 2023  |
| <b>Sheet</b>           | 1 of 2        |



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|    |     |     |        |     |     |             |
|----|-----|-----|--------|-----|-----|-------------|
| BS | 100 | 690 | AC-23A | 100 | 100 | 100A (A4)gl |
| BS | 160 | 690 | AC-23A | 160 | 80  | 160A (B2)gl |
| BS | 200 | 690 | AC-22A | 200 | 80  | 200A (B2)gl |
| BS | 250 | 690 | AC-23A | 250 | 100 | 250A (B3)gl |

Rated insulation voltage:

Ui = 750 V, 50 Hz

Rated impulse withstand voltage:

Uimp = 8 kV

Manual operating means:

Direct operation, side external operation and front external operation, types ST (with test position) and S (without test position)

*"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."*

*The attached Design Appraisal Document No. 98/00011(E5) and its supplementary Type Approval Terms and Conditions form part of this Certificate*

All other details remain as the previous Certificates 98/ 00011(E4) to which this extension should be attached.

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**Sheet** 2 of 2



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