



TYPE APPROVAL CERTIFICATE
No. **ELE387923CS**

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Switch-disconnector-fuse
<i>Type</i>	FUSERBLOC CD
	FUSERBLOC BS
<i>Applicant</i>	SOCOMEK S.A.
	1 Rue de Westhouse F
	67235 BENFELD CEDEX
	FRANCE
<i>Manufacturer</i>	SOCOMEK S.A.
<i>Place of manufacture</i>	1 Rue de Westhouse F
	67235 BENFELD CEDEX
	FRANCE
<i>Reference standards</i>	IEC 60947-3; RINA Rules for the Classification of Ships, Pt. C, Ch. 2, Sec. 8

Issued in **Genoa** on **December 7, 2023**. *This Certificate is valid until* **December 7, 2028**

RINA Services S.p.A.
Luigi Benedetti

This certificate consists of this page and 1 enclosure

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FUSERBLOC CD

FUSERBLOC BS

Switch-disconnectors-fuse type:

FUSERBLOC BS 32A, BS 63A, BS 80A, BS 100A, BS 160A, BS 200A, BS 250A, BS 400A.

FUSERBLOC CD 10X38, CD 14X51, CD 32A BS A1, 14X51 50A, 22X58 100A, 22X58 125A, 00C 63A, 00 125A, 00 160A, 0 160A, 250A size 1, 400A size 2.

Technical data:

Rated insulation voltage (Ui): 800V; Rated frequency: 50/60 Hz; Ambient air temperature: 45°C; Thermal current (Ith);

Rated operational voltage (Ue): 415V, 500V or 690V; Rated operational current (Ie); Utilization category: AC-23A.

FUSERBLOC	Ue (V)	Ith (A)	Ie (A)
BS 32A	690	32	32
FUSERBLOC BS 63A	690	63	63
FUSERBLOC BS 80A	690	80	80
FUSERBLOC BS 100A	690	100	100
FUSERBLOC BS 160A	500	160	160
FUSERBLOC BS 200A	415	200	200
FUSERBLOC BS 250A	690	250	250
FUSERBLOC BS 400A	415	400	400

Technical data:

Rated insulation voltage (Ui): 800V; Rated frequency: 50/60 Hz; Ambient air temperature: 45°C; Thermal current (Ith);

Rated operational voltage (Ue): 415V, 690V; Rated operational current (Ie); Utilization category: AC-23A.

FUSERBLOC	Ue (V)	Ith (A)	Ie (A)
CD 10x38	415	32	32
	690	32	32
FUSERBLOC CD 14X51	415	32	32
	690	32	32
FUSERBLOC CD 32A BS A1	415	32	32
	690	32	32

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FUSERBLOC CD

FUSERBLOC BS

Technical data:

Rated insulation voltage (Ui): 750V; Rated frequency: 50/60 Hz ; Ambient air temperature: 45°C; Thermal current (Ith);
Rated operational voltage (Ue): 500V, 690V; Rated operational current (Ie); Utilization category: AC-23A.

FUSERBLOC 14x51 50A	Ue (V)	Ith (A)	Ie (A)
	690	50	50
FUSERBLOC 22x58 100A	Ue (V)	Ith (A)	Ie (A)
	690	100	100
FUSERBLOC 22x58 125A	Ue (V)	Ith (A)	Ie (A)
	500	125	125
	690	125	100
FUSERBLOC 00C 63A	Ue (V)	Ith (A)	Ie (A)
	690	63	63
FUSERBLOC 00 125A	Ue (V)	Ith (A)	Ie (A)
	690	125	125
FUSERBLOC 00 160A	Ue (V)	Ith (A)	Ie (A)
	500	160	160
	690	160	125
FUSERBLOC 0 160A	Ue (V)	Ith (A)	Ie (A)
	500	160	160
FUSERBLOC 250A Size1	Ue (V)	Ith (A)	Ie (A)
	690	250	250

Technical data:

Rated insulation voltage (Ui): 800V; Rated frequency: 50/60 Hz; Ambient air temperature: 45°C; Thermal current (Ith) ; Rated operational voltage (Ue): 400V ; Rated operational current (Ie); Utilization category: AC-23A.

FUSERBLOC 400A size 2	Ue (V)	Ith (A)	Ie (A)
	400	400	400

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FUSERBLOC BS

Documents:

This Certificate replaces and annuls the previous certificate **ELE094817CS**.

Updated test report performed for IEC 60947-3:2020 in conjunction with IEC 60947-1:2020:

- Test report 00901-CB2021CQC-099755
- Test report 00901-CB2021CQC-099769
- Test report 00901-CB2021CQC-099770
- Test report 00901-CB2021CQC-099771
- Test report 00901-CB2021CQC-099772
- Test report 00901-CB2021CQC-099775
- Test report 00901-CB2021CQC-099776
- Test report 00901-CB2021CQC-099777
- Test report 00901-CB2021CQC-099778
- Test report 00901-CB2021CQC-099779
- Test report 00901-CB2021CQC-099780

Secondary production site:

SOCIETE TIMELEC SARL, Zone industrielle Chebada, Route de Fouchana Naase, 1135 Nassen, Governora Tde Ben Arous, Tunisia.

Genoa December 7, 2023