



TYPE APPROVAL CERTIFICATE
No. ELE410625XG

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>	MANUAL MOTOR STARTER and auxiliary devices
<i>Type</i>	MS132; MO132
<i>Applicant</i>	ABB STOTZ-KONTAKT GMBH Eppelheimer Strasse 82, 69123 HEIDELBERG GERMANY
<i>Manufacturer</i>	ABB STOTZ-KONTAKT GMBH
<i>Place of manufacture</i>	Eppelheimer Strasse 82, 69123 HEIDELBERG GERMANY
<i>Reference standards</i>	IEC 60947-5-1:2003; IEC 60947-4-1:2000 + Amendment 1:2002 + Amendment 2:2005; IEC 60947-2: 2006

Issued in **HAMBURG** on **April 1, 2026**. *This Certificate is valid until* **March 31, 2031**

Giuseppe Russo

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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Product Description

Manual Motor Starter type MS132-0.16/-0.25/-0.4/-0.63/-1/-1.6/-2.5/-4/-6.3/-10/-12/-16/-20/-25/-32 (optional followed by K) with thermal and magnetic overcurrent protection and type MO132-0.16/-0.25/-0.4/-0.63/-1/-1.6/-2.5/-4/-6.3/-10/-16/-20/-25/-32 with magnetic overcurrent protection only and auxiliary contacts.

Technical Data

- Number of poles: 3.
- Rated frequency: 50/60 Hz.
- Rated operational voltage (Ue): 230V up to 690V.
- Rated insulation voltage (Ui): 690V.
- Rated current (In): 0.1A up to 32A.
- Utilization Category according to IEC 60947-2: A.
- Utilization Category according to IEC 60947-4-1: AC-3.
- Rated short-circuit capacity:

Rated service short circuit breaking capacity (Ics)

Rated ultimate short circuit breaking capacity (Icu)

*Rated short circuit making capacity (Icm) (**)*

Ue (V)	In	Ics (kA)	Icu (kA)
230	0.1A-10A	100	100
	8A-25A	50	50
	25A-32A	25	25
400	0.1A -10A	100	100
	8A-25A	50	50
	25A-32A	25	25
440	0.1A-2.5A	100	100
	2.5A-32A	3	3
500	0.1A-2.5A	100	100
	2.5A-32A	3	3
690	0.1A-2.5A	100	100
	2.5A-32A	3	3

(**) Icm (kA) according to Standard IEC 60947-2, Tab. 2.



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Auxiliary contacts

- UA1 Undervoltage release
- AA1 Shunt release

- HKF1-11, HKF1-11K, HKF1-20, HKF1-20K Auxiliary switch for front mounting:

Rated insulation voltage (Ui): 250V.
Rated impulse withstand voltage (Uimp): 6kV.
Conventional free air thermal current (Ith): 5A.
Utilization Category: AC-15 & DC-13.

HKF1-xx(K)

Ue (V)	AC-15	DC-13
24	3A	1A
120	3A	
125		0.27A
240	1.5A	
250		0.15A

- HK-... Auxiliary switches for lateral mounting (at right)

HK1-11(K)

HK1-20(K)

HK1-20L (with lead contacts)

HK1-02(K)

- SK-... Signaling contacts for lateral mounting

SK1-11(K)

SK1-20(K)

SK1-02(K)

- CK-... Short-circuit signaling contacts for lateral mounting

CK1-11

CK1-20

CK1-02

- Rated insulation voltage (Ui): 690V.

- Rated impulse withstand voltage (Uimp): 6kV.

- Conventional free air thermal current (Ith): 6A.

- Utilization Category: AC-15 & DC-13.

HK1-xx(K); HK1-20L; SK1-xx(K); CK1-xx

Ue (V)	AC-15	DC-13
24	6A	2A
120	6A	
125		0.55A
240	4A	
250		0.27A
400	3A	
600		0.15A
690	1A	

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Additional Place of Manufacture

ABB Xinhui Low Voltage Switchgear Co., Ltd.
Jinguzhou Industrial Development Zone
Xinhui district, Jiangmen City
Guangdong Province, China

Documents

- CB Test Certificate n° BE-2013 issued on 15.07.2009 (KEMA Test Reports from n° 58495802/00 up to 58495802/12 issued on 13.07.2009).
- CB Test Certificate n° BE-2012 issued on 15.07.2009 (KEMA Test Reports from n° 58495801/00 up to 58495801/15 issued on 13.07.2009).
- CB Test Certificate n° NL-16564-A1 issued on 10.08.2009 (KEMA Test Report n° 2122927.53 issued on 20.07.2009).
- CB Test Certificate n° NL-16563-A1 issued on 10.08.2009 (KEMA Test Report n° 2122927.52 issued on 20.07.2009).
- PACONSULT Test Report n° 09-2475A issued on 27.05.2009.
- LOVAG Test Report n° AN 07/2002 issued on 14.02.2002.
- Data Sheet for Manual Motor Starter MS 132: Document number 2CDC 131 021 D0202 (08.2014)

Remarks

The product is subject to the compliance with Tab.1 of RINA Rules for the Classification of Ships Pt.C, Ch.3, Sec.8, where applicable, and with the Standards mentioned on the Certificate.

This certificate annuls and replaces the previous one n° ELE121819XG/001.

HAMBURG April 1, 2026

