

CERTIFICATE

Issued to:
Applicant:
Schotman Elektro B.V.
Weverstraat 4
9403 VJ Assen, The Netherlands

Licensee:

Product : Switch-disconnectors
Trade name(s) : SEP
Type(s)/model(s) : HS1

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard(s) EN IEC 60947-3:2021 and IEC 60947-3:2020
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 6062463

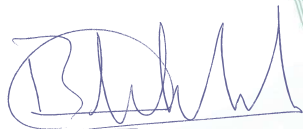
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 11 January 2023 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 33-126669

DEKRA Certification B.V.



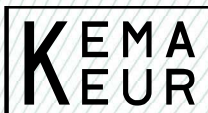
B.T.M. Holtus
Managing Director



D Huang
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Switch-disconnectors
Trade name(s)	: SEP
Type(s)/model(s)	: HS1
Number of poles	: 1P, 2P, 3P, 4P
Kind of current	: AC
Rated operational voltage (Ue)	: 230 / 400 Vac, 240 / 415 Vac for 1P 400 Vac, 415 Vac for 2P, 3P, 4P
Rated insulation voltage (Ui)	: 690 V
Rated impulse withstand voltage (Uimp)	: 8 kV
Rated frequency	: 50 / 60 Hz
Rated operational currents (Ie)	: 25, 40, 63, 80, 100, 125 A of AC-21A/B, AC-22A/B, AC-23A/B 160 A of AC-21A/B, AC-22A/B
Conventional free air thermal current (Ith)	: 160 A
Rated uninterrupted current (Iu)	: equal to Ie
Rated short-time withstand current (Icw)	: 2000 A - 1 s
Rated short-time making capacity (Icm)	: 1500 A
Suitable for isolation	: suitable
Utilization category	: AC-21A/B, AC-22A/B, AC-23A/B
Ambient air temperature	: - 5 °C to 40 °C
Tightening torque for terminals	: 2,5 Nm
Line/load terminal	: Immaterial
Connection	: Minimum conductor: 1,5 mm ² of solid, stranded or flexible Maximum conductor: 50 mm ² of flexible, 70 mm ² of stranded

TESTS**Test requirements**

EN IEC 60947-3:2021
IEC 60947-3:2020

Test result

The test results are laid down in DEKRA test file 332468400.

Additional information

The referred test report is 3324684.50.

This certificate is based on the KEMA-KEUR certificate 33-126168.

Conclusion

The examination proved that all requirements were met.

Factory location