

CERTIFICATE

Issued to:
Applicant:
Hager Electro SAS
132 Boulevard d'Europe
67210 Obernai, France

Manufacturer/Licensee:
Hager Electro SAS
132 Boulevard d'Europe
67210 Obernai, France

Product(s) : Electromechanical contactors (domestic use)
Trade name(s) : HAGER
Type(s)/model(s) : ER/ES 2MOD

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 EN 61095:2009;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900186

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 of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 8 March 2013 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2161330.02

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.L. Schendstok
Certification Manager

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ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	electromechanical contactors (domestic use)
trade name(s)	:	HAGER
type(s)	:	ERC425D, ERD425D, ESC4xxD, ESD4xxD ERC425H, ERD425H, ESC4xxH, ESD4xxH ERC325H, ERD325H, ESC3xxH, ESD3xxH
number of poles	:	3-pole for ERC/ERD/ESC/ESD3 series 4-pole for ERC/ERD/ESC/ESD4 series
rated control voltage (Uc)	:	24 Vac or 230 Vac, 50 Hz
rated impulse withstand voltage (Uimp)	:	4 kV
rated insulation voltage (Ui)	:	440 V
rated frequency	:	50/60 Hz
rated operational current (Ie)	:	25 A
conventional free air thermal current rating (Ith)	:	25 A
rated operational voltage (Ue)	:	400 Vac
utilization category	:	AC-7a
rated conditional short-circuit current (Ir / Iq)	:	3 kA
type of protective devices	:	circuit-breaker, C25, 6 kA
method of control	:	automatic for ESC/ESD series semi-automatic for ERC/ERD series
control circuit	:	with full-wave rectification for ERC425H, ERD425H, ERC325H, ERD325H, ESC/ESD4xxH series and ESC/ESD3xxH series without full-wave rectification for ERC425D, ERD425D and ESC/ESD4xxD series
terminals	:	screw type
degree of protection	:	IP20
pollution degree	:	2
connecting capacity	:	rigid 2 x 1 mm ² 1 x 10 mm ² 2 x 1 mm ² + 1 x 6 mm ² flexible 2 x 1 mm ² 1 x 6 mm ² 2 x 1 mm ² + 1 x 6 mm ²

Additional information

xx can be 25, 26 or 28

25: NO contacts

26: NC contacts

28: 3 NO contacts + 1 NC contact (for ESC/ESD4xxD series only)

TESTS**Test requirements**
EN 61095:2009**Test result**

The test results are laid down in DEKRA test file 2161330.02 and are based on STR-FR 635175 and TRF No. 117510-635175/00 to /05, 98522-595647/00 to /20

Conclusion

The examination proved that all test requirements were met.

Tested by : LCIE

Checked by : M.T.H. van Gemen

**Factory locations**

Hager Electro S.A.
43, Rue de Rohrwiller, 67240, Bischwiller
France