

CERTIFICATE

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

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

Product(s) : Electromechanical contactors (domestic use)
Trade name(s) : HAGER
Type(s)/model(s) : ERxx1xx, ERxx2xx, ESxx2xx, ETxx2xx (1 module)

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: 7 April, 2011 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2142730.01



DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director



H.R.M. Barends
Certification Manager

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



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THE DUTCH COUNCIL
FOR ACCREDITATION









SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	electromechanical contactors (domestic use)
trade name(s)	:	HAGER
type(s)	:	ERxx1xx, ERxx2xx, ESxx2xx, ETxx2xx (1 module)
number of poles	:	1-pole or 2-poles
coil voltage	:	230 Vac, 110-127 Vac, 24 Vac or 8-12 Vac
rated insulation voltage	:	250 V
rated impulse withstand voltage	:	4 kV
rated frequency	:	50/60 Hz
conventional free air thermal current	:	ERxx1xx: 16 A ERxx2xx, ESxx2xx, ETxx2xx: 25 A
rating/utilization category	:	ERxx1xx: AC-7a AC-7b 230 V 16 A 5,5 A ERxx2xx, ESxx2xx, ETxx2xx: AC-7a AC-7b 230 V 25 A 8,5 A
rated conditional short-circuit current (I _r /I _q)	:	ERxx1xx: I _r = I _q = 1 kA (MCB C16-6kA) ERxx2xx, ESxx2xx, ETxx2xx: I _r = I _q = 3 kA (MCB C25-6kA)
method of control	:	automatic or semi-automatic
control circuit	:	without full-wave rectification
terminals	:	screw type
degree of protection	:	IP20
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

Description	Coil 	Main circuit		
				
RELAYS - Ith = 16A Without full-wave rectification in the control circuit 1 module - screw terminals - with manual control	230V ~ 50 / 60 Hz	ERC216	ERC217	ERC218
	24V ~ 50 Hz	ERD216	ERD217	ERD218
	8V ~ / 12V ~ 50 Hz	ERL216	ERL217	ERL218

Range Without full-wave rectification in the control circuit	Coil 	Main circuit				
						
CONTACTORS Ith = 25A 1 module - screw terminals - without manual control	230V ~ 50 / 60 Hz	ESC125	ESC126	ESC225	ESC226	ESC227
	110V ~ / 127V ~ 50 Hz			ESM225		ESM227
	24V ~ 50 Hz	ESD125		ESD225	ESD226	ESD227
	8V ~ / 12V ~ 50 Hz	ESL125		ESL225	ESL226	ESL227
MANUALLY OPERATED CONTACTORS Ith = 25A 1 module - screw terminals - with manual control	230V ~ 50 / 60 Hz	ERC125		ERC225	ERC226	
	24V ~ 50 Hz			ERD225		
	8V ~ / 12V ~ 50 Hz			ERL225		
VERRIDE CONTACTORS Ith = 25A 1 module - screw terminals - with manual control	230V ~ 50 / 60 Hz			ETC225	ETC226	ETC227

TESTS**Test requirements**

EN 61095:2009

Test results

The test results are laid down in DEKRA test file 2142730.01 and are based on CCA-FR 595650C/M1 and TRF No. 98525-595650/00 to 98525-595650/18.

Conclusion

The examination proved that all test requirements were met.

Tested by : LCIE

Checked by : F.S. Strikwerda

**Factory locations**

Hager Electro S.A.

43, Rue de Rohrwiller, 67240, Bischwiller, France