

CERTIFICATE

Issued to:
Applicant:
Eaton Industries (Austria) GmbH
Eugenia 1
3943 Schrems, Austria

Licensee:
Eaton Industries (Netherlands) B.V.
Europalaan 202
7559 SC Hengelo, The Netherlands

Product : Distribution board, consumer units
Trade name(s) : EATON
Type(s)/model(s) : Systeem 55 Keukenverdeler

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 61439-3:2012
- an inspection of the factory location according to CENELEC Operational Document CIG 021
- a DEKRA certification agreement with the number 900015

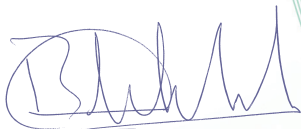
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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 8 April 2021 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-117797

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



R Zhou
Certification Manager

© Integral publication of this certificate is allowed

ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

Product	: Distribution board, consumer units
Trade name(s)	: EATON
Type(s)/model(s)	: Systeem 55 Keukenverdelers
Rated voltage (Un)	: 230 V and 230/400 V
Rated frequency (fn)	: 50 Hz
Rated current (InA)	: see page 3
Rated current of functional outgoing units (Inc)	: see page 3
Rated insulation voltage (Ui)	: 440 V (depending on used components)
Pollution degree	: 2
Rated impulse withstand voltage (Uimp)	: 4 kV
Rated conditional short-circuit assembly (Icc)	: 6000 A
Degree of protection	: IP30 (top of enclosure IP40)
Mechanical impact	: IK05
Rated diversity factor (RDF)	: 0,8
Enclosure	: thermoplastic material

List of components

Component	Manufacturer/ Trade name	Type/Model	Approval mark ¹⁾
switch-disconnector	EATON	IS-40/2	KEMA-KEUR
switch-disconnector	EATON	IS-40/4	KEMA-KEUR
RCBO	EATON	PKN6-16/1N/B/003-A	KEMA-KEUR
CB	EATON	PLSN-B16/2P2N	KEMA-KEUR
CB	EATON	PLN6-B16/1N	KEMA-KEUR
CB	EATON	PLS6-B16/4	KEMA-KEUR
installation coupler	Wieland	GST18i3FB2R	KEMA-KEUR
installation coupler	Wieland	GST18i3FS2R	KEMA-KEUR
installation coupler	Wieland	GST18i5FB2R	KEMA-KEUR
installation coupler	Wieland	GST18i5FS2R	KEMA-KEUR
internal wiring	-	H07V2-K1 4 mm ²	KEMA-KEUR or HAR
internal wiring	-	H07V2-U 2,5 mm ²	KEMA-KEUR or HAR

¹⁾ * indicates a component tested as part of the appliance

TESTS
Test requirements

EN 61439-3:2012

Test result

The test results are laid down in DEKRA test report 224765800.

Additional information

The degree of protection of the top of the enclosure (adapter) is IP40 if all installation male connectors are mounted. Otherwise covers shall be mounted at a the unused installation female connectors.

The Kitchen DBO will be mounted to the electrical supply system in the home by the Reno Kit with Wieland connector and shall not be connected or disconnected when the installation is energized.

Conclusion

The examination proved that all requirements were met.

Factory locations

Eaton Industries (Netherlands) B.V.
Europalaan 202
7559 SC Hengelo, The Netherlands

SC Cooper Industries Romania SRL
Zona Industrială Vest Str. III, Nr. 12
310510 Arad, Romania

Ratings of System 55 Kitchen DBO group 1 (PDL-20.081)								
Assembly				Main switch		Outgoing functional unit		
Type ID. of DBO	Draw.nr.	U_n (V)	$I_{n\Delta}$ (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
KV-I-20G1400-HS-44+A	6168838	230	20	IS-40/2	20	2x PLN6-B16/1N PKN6-16/1N/B/003-A	16 16	0,8
KV-I-20G1400-HS-44+2A	6168839	230	20	IS-40/2	20	2x PLN6-B16/1N 2x PKN6-16/1N/B/003-A	16 16	0,8

Ratings of System 55 Kitchen DBO group 2 (PDL-20.081)								
Assembly				Main switch		Outgoing functional unit		
Type ID. of DBO	Draw.nr.	U_n (V)	$I_{n\Delta}$ (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
KV-I-10V24F0-HS-44+2A	6168840	230	2 x 20	IS-40/4	2 x 20	PLN6-B16/1N PLSN-B16/2P2N 2x PKN6-16/1N/B/003-A	16 2x 16 16	0,8
KV-I-20V24F0-HS-44+A	6168841	230	2 x 20	IS-40/4	2 x 20	2x PLN6-B16/1N PLSN-B16/2P2N PKN6-16/1N/B/003-A	16 2x 16 16	0,8
KV-A-20V24F0-HS-44	6168842	230	2 x 20	IS-40/4	2 x 20	2x PKN6-16/1N/B/003-A PLSN-B16/2P2N	16 2x 16	0,8

Ratings of System 55 Kitchen DBO group 3 (PDL-20.081)								
Assembly				Main switch		Outgoing functional unit		
Type ID. of DBO	Draw.nr.	U_n (V)	$I_{n\Delta}$ (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
KV-I-20G34K0-HS-44	6168843	230/400	16	IS-40/4	16	2x PLN6-B16/1N PLS6-B16/4	16 16	0,8
KV-I-20G34F0-HS-44	6168844	230/400	16	IS-40/4	16	2x PLN6-B16/1N PLSN-B16/2P2N	16 2x 16	0,8