

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 boards, consumer units
Trade name(s) : EATON
Type(s)/model(s) : MEDUSA

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 production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900015

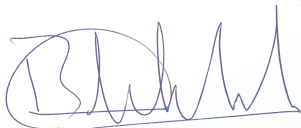
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

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

This certificate is issued on 9 December 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-116644

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



J.B.M.T. de Heuvel
Certification Manager

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SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	: distribution boards, consumer units
Trade name(s)	: EATON
Type(s)/model(s)	: MEDUSA
Rated voltage (Un)	: 230 V and 230/400 V
Rated frequency (fn)	: 50 Hz
Rated current (InA)	: see page 3 up to and including page 4
Rated current of functional outgoing units (Inc)	: see page 3 up to and including page 4
Rated insulation voltage (Ui)	: 440 V, depending of the used components
Pollution degree	: 2
Rated impulse withstand voltage (Uimp)	: 4 kV
Rated conditional short-circuit	: 6000 A
Degree of protection	: IP30 (top of enclosure IP40)
Mechanical impact	: IK06
Rated diversity factor (RDF)	: see page 3 up to and including page 4
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
RCCB	EATON	PFIM-40/2/003-A	KEMA-KEUR
RCCB	EATON	PFIM-40/2/01-S/A	KEMA-KEUR
RCCB	EATON	PFIM-40/4/003-A	KEMA-KEUR
RCCB	EATON	PFIM-40/4/03-A	KEMA-KEUR
RCBO	EATON	mRB6-16/3N/B/003-A	KEMA-KEUR
CB	EATON	PLS6-B16/4	KEMA-KEUR
CB	EATON	PLSN-B20/2P2N	KEMA-KEUR
CB	EATON	PLN6-B16/1N	KEMA-KEUR
CB	EATON	PLSN-B16/2P2N	KEMA-KEUR
bell transformer	EATON	TR-G/8-S	KEMA-KEUR
internal wiring	-	H07V2-K1 (1, 6 mm ²)	KEMA-KEUR of 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 file 225147000.

Additional information

These distribution boards have KEMA-KEUR only if the manufacturer mounted all the components and internal wiring.

This certificate replaces certificate No. 2193913.02 which we hereby declare invalid.

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 Medusa DBO group 1 (2140790.01-INC and 2168387.03-INC)								
Assembly				Main switch		Outgoing functional unit		
				Earth leakage protection device				
Type ID. of DBO	Draw.nr.	U_n (V)	I_{nA} (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
I-62G14DT-HM104	2009951	230	40	IS-40/2	40	6x PLN6-B16/1N PLSN-B20/2P2N TR-G/8-S	16 2x 20 -	0,8
				2x PFIM-40/2/003-A PFIM-40/2/01-S/A	38,4 40			

Ratings of Medusa DBO group 2 (2140790.01-INC and 2168387.03-INC)								
Assembly				Main switch		Outgoing functional unit		
				Earth leakage protection device				
Type ID. of DBO	Draw.nr.	U_n (V)	I_{nA} (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
I-93V14FT-HM104	2066029	230 230/400	40 32	IS-40/4 3x PFIM-40/2/003-A	40 32	9x PLN6-B16/1N PLSN-B16/2P2N TR-G/8-S	16 2x 16 -	0,8
I-93V14F0-HM104	2066027	230 230/400	40 32	IS-40/4 3x PFIM-40/2/003-A	40 32	9x PLN6-B16/1N PLSN-B16/2P2N	16 2x 16	0,8
I-93V1400-HM104	2066026	230 230/400	40 32	IS-40/4 3x PFIM-40/2/003-A	40 32	9x PLN6-B16/1N	16	0,8
I-93V140T-HM104	2066028	230 230/400	40 32	IS-40/4 3x PFIM-40/2/003-A	40 32	9x PLN6-B16/1N TR-G/8-S	16 -	0,8

Ratings of Medusa DBO group 3 (2140790.01-INC and 2168387.03-INC)								
Assembly				Main switch		Outgoing functional unit		
				Earth leakage protection device				
Type ID. of DBO	Draw.nr.	U_n (V)	I_{nA} (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
I-93G34KT-HM104	2066033	230/400	40	IS-40/4 3x PFIM-40/4/003-A	40 25,6	9x PLN6-B16/1N PLS6-B16/4 TR-G/8-S	16 16 -	0,8
I-93G34K0-HM104	2066031	230/400	40	IS-40/4 3x PFIM-40/4/003-A	40 25,6	9x PLN6-B16/1N PLS6-B16/4	16 16	0,8
I-93G340T-HM104	2066032	230/400	40	IS-40/4 3x PFIM-40/4/003-A	40 25,6	9x PLN6-B16/1N TR-G/8-S	16 -	0,8
I-93G3400-HM104	2066030	230/400	40	IS-40/4 3x PFIM-40/4/003-A	40 25,6	9x PLN6-B16/1N	16	0,8

Ratings of Medusa DBO group 4 (2140790.01-INC and 2168387.03-INC)								
Assembly				Main switch		Outgoing functional unit		
				Earth leakage protection device				
Type ID. of DBO	Draw.nr.	U_n (V)	I_{nA} (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
I-62G34KT-HM104	2009952	230/400	40	IS-40/4	40	6x PLN6-B16/1N PLS6-B16/4 TR-G/8-S	12,8 12,8 -	1,0
				2x PFIM-40/4/003-A PFIM-40/4/03-A	12,8 12,8			

Ratings of Medusa DBO group 5 (PDL-20.168)								
ASSEMBLY				Main switch		Outgoing functional unit		
				Earth leakage protection device				
Type ID. of DBO	Draw.nr.	U_n (V)	I_{nA} (A)	Device ID	I_{nc} (A)	Device ID	I_{nc} (A)	RDF
I-93G3400-HM104	2098030	230/400	32	IS-40/4	32	9x PLN6-B16/1N	16	0,8
				3x PFIM-40/2/003-A	32			
I-93V34K0-HM104	2098031	230/400	32	IS-40/4	32	9x PLN6-B16/1N mRB6-16/3N/B/003-A	16 16	0,8
				3x PFIM-40/2/003-A	32			
I-93V340T-HM104	2098032	230/400	32	IS-40/4	32	9x PLN6-B16/1N TR-G/8-S	16 -	0,8
				3x PFIM-40/2/003-A	32			
I-93V34KT-HM104	2098033	230/400	32	IS-40/4	32	9x PLN6-B16/1N mRB6-16/3N/B/003-A TR-G/8-S	16 16 -	0,8
				3x PFIM-40/2/003-A	32			
I103V3400-HM104	1966052	230/400	32	IS-40/4	32	10x PLN6-B16/1N	16	0,8
				3x PFIM-40/2/003-A	32			
I113V3400-HM104	1966053	230/400	32	IS-40/4	32	11x PLN6-B16/1N	16	0,8
				3x PFIM-40/2/003-A	32			
I123V3400-HM104	1966054	230/400	32	IS-40/4	32	12x PLN6-B16/1N	16	0,8
				3x PFIM-40/2/003-A	32			
I103V340T-HM104	1966055	230/400	32	IS-40/4	32	10x PLN6-B16/1N TR-G/8-S	16 -	0,8
				3x PFIM-40/2/003-A	32			
I113V340T-HM104	1966056	230/400	32	IS-40/4	32	11x PLN6-B16/1N TR-G/8-S	16 -	0,8
				3x PFIM-40/2/003-A	32			
I123V340T-HM104	1966057	230/400	32	IS-40/4	32	12x PLN6-B16/1N TR-G/8-S	16 -	0,8
				3x PFIM-40/2/003-A	32			
I103V34K0-HM104	1966058	230/400	32	IS-40/4	32	10x PLN6-B16/1N mRB6-16/3N/B/003-A	16 16	0,8
				3x PFIM-40/2/003-A	32			
I113V34K0-HM104	1966059	230/400	32	IS-40/4	32	11x PLN6-B16/1N mRB6-16/3N/B/003-A	16 16	0,8
				3x PFIM-40/2/003-A	32			
I123V34K0-HM104	1966060	230/400	32	IS-40/4	32	12x PLN6-B16/1N mRB6-16/3N/B/003-A	16 16	0,8
				3x PFIM-40/2/003-A	32			
I103V34KT-HM104	1966061	230/400	32	IS-40/4	32	10x PLN6-B16/1N mRB6-16/3N/B/003-A TR-G/8-S	16 16 -	0,8
				3x PFIM-40/2/003-A	32			
I113V34KT-HM104	1966062	230/400	32	IS-40/4	32	11x PLN6-B16/1N mRB6-16/3N/B/003-A TR-G/8-S	16 16 -	0,8
				3x PFIM-40/2/003-A	32			
I123V34KT-HM104	1966063	230/400	32	IS-40/4	32	12x PLN6-B16/1N mRB6-16/3N/B/003-A TR-G/8-S	16 16 -	0,8
				3x PFIM-40/2/003-A	32			