

Certificate

for European Product Safety

Reference No. 1613211

Socket-outlet for industrial purposes

Type designation

*16R**, *16RAU**, *16RAU**W, *16RL**, *16RL**W, *16RS**, *16RS**W, *16RU**, *32RL**, *32RL**W, *32RAU**, *32RAU**W, *32RS**,

*32RS**W, *32RU**

Certificate holder

ABB AB Cewe Arnöleden 2 611 31 Nyköping

SWEDEN

The product complies with

the standard(s)

EN 60309-1:1999 + A1 + A2 EN 60309-2:1999 + A1 + A2

Date of expiry

31 July 2020

EU Directive information

According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking

according to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix.

Certification Body

Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed

30 June 2016 Page 1 of 18

This certificate is issued in accordance with the terms and conditions set out in the Appendix.







Technical data

Type designation *16R** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 2P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16R** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16R** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16 IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Panel-type with screw terminals.
Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *16RAU** (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RAU** (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RAU** (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I

Product information 3P+N+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *16RAU**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RAU**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RAU**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 67

Standard sheet 60309-2/2-1
Trade mark

Product information 3P+N+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *16RL** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-1
Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RL** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-1
Trade mark

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RL** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16

IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 3P+N+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *16RL**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 67

Standard sheet 60309-2/2-I

Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RL**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 67

Standard sheet 60309-2/2-I

Trade mark ABB

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RL**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16

IP-Class 67

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *16RS** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16 IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RS** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RS** (The first * denotes the number of contacts and the second

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *16RS**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16 IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RS**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16 IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RS**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+N+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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NB





Type designation *16RU** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A)

IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 2P+E, Panel-type with screw terminals.

16

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *16RU** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16
IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *16RU** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 16

IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *32RL** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RL** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RL** (The first * denotes the number of contacts and the second *

denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *32RL**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RL**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RL**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32

IP-Class 67

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Tho





Type designation *32RAU** (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RAU** (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RAU** (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32

IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation *32RAU**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RAU**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

Standard sheet 60309-2/2-I Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RAU**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

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Mh





Type designation *32RS** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I
Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RS** (The first * denotes the number of contacts and the second

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RS** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I
Trade mark

Product information 3P+N+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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MB





Type designation *32RS**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

Standard sheet 60309-2/2-I

Trade mark

Product information 2P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RS**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 67

Standard sheet 60309-2/2-I

Trade mark ABB

Product information 3P+E, Surface-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RS**W (The first * denotes the number of contacts and the

second * denotes the position of earthing contact)

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Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32

IP-Class 67

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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No





Type designation *32RU** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 2P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 4h, 6h, 9h and 12h

Type designation *32RU** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I Trade mark

Product information 3P+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

Type designation *32RU** (The first * denotes the number of contacts and the second

* denotes the position of earthing contact)

Rated voltage (V) Rated operating voltages for different position of earthing contact

according to table 104 (see below)

Rated current (A) 32 IP-Class 44

Standard sheet 60309-2/2-I

Trade mark

Product information 3P+N+E, Panel-type with screw terminals.

Position of earthing contact 1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Table 104

Number of contacts	Туре	Frequency	Rated operating voltage	Accessories earthing- contact position ^a	
		Hz	٧	16/20 A 32/30 A	63/60 A 125/100 A
3 contacts	1P+N+ ≟	50 and 60	100 to 130	4	4
	Series II	60	277	5	5
	2P+ 블 Series I and II	50 and 60	100 to 130	4	4
			200 to 250	6	6
		50 and 60	380 to 415	9	9
			480 to 500	7	7
			Supply from an isolating transformer	12	12
		100 up to and including 300	Over 50	10	10
		Over 300 up to and including 500	Over 50	2	2
		Direct current	Over 50 up to and including 250 d	3	3
			Over 250	8	8
4 contacts	2P+N+ ≟ Series II	50 and 60	125/250 single-phase	12	12
	Series I	50 and 60	Supply from an isolating transformer	12	12
	3P+ 분 Series I and II	50 and 60	100 to 130	4	4
			200 to 250	9	9
			380 to 415	6	6
		60	440 to 460 ^b	11	11
		50 and 60	480 to 500	7	7
			600 to 690	5	5
		50 60	380 440 ^C	3	3
		50 and 60	1000	12	8
		100 up to and including 300	Over 50	10	10
		Over 300 up to and including 500	Over 50	2	2
5 contacts		50 and 60	57/100 to 75/130	4	4
			120/208 to 144/250	9	9
			200/346 to 240/415	6	6
			277/480 to 288/500	7	7
	3P+N+≟		347/600 to 400/690	5	5
	Series I	60	250/440 to 265/460 b	11	11
	and II	50 60	220/380 250/440 ^C	3	3

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Manufacturing site(s)

ABB s.r.o. Elektro-Praga

Resslova 3

CZ- 466 02 Jablonec nad Nisou

CZECH REPUBLIC

According to the principle of presumption of conformity, this certificate, which includes production control, constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

Certification Body

Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed

Bo Berglöf

Date 30 June 2016

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