

# Certificate



for European Product Safety

Reference No. 1515814

## Socket-outlet for industrial purposes

Type designation \*16MM\*\*, \*32MM\*\*

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  
EN 60309-4:2007 + A1

Date of expiry 15 December 2019

EU Directive information *The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.*

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed

  
Pär Iggström

Date 26 August 2015  
Page 1 of 5

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



## Intertek Appendix

*Reference No. 1515814*

*Technical data*

<i>Type designation</i>	*16MM** (The first * denotes the number of contacts and the second * denotes the position of earthing contact)
<i>Rated voltage (V)</i>	Rated operating voltages for different position of earthing contact according to table 104 (see below)
<i>Rated current (A)</i>	16
<i>IP-Class</i>	44
<i>Standard sheet</i>	60309-2/2-I
<i>Trade mark</i>	<b>AKK</b>
<i>Product information</i>	3P+E. With switch-disconnector.
<i>Position of earthing contact</i>	1h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

<i>Type designation</i>	*16MM** (The first * denotes the number of contacts and the second * denotes the position of earthing contact)
<i>Rated voltage (V)</i>	Rated operating voltages for different position of earthing contact according to table 104 (see below)
<i>Rated current (A)</i>	16
<i>IP-Class</i>	44
<i>Standard sheet</i>	60309-2/2-I
<i>Trade mark</i>	<b>AKK</b>
<i>Product information</i>	3P+N+E. With switch-disconnector.
<i>Position of earthing contact</i>	1h, 2h, 5h, 6h, 9h and 11h

<i>Type designation</i>	*32MM** (The first * denotes the number of contacts and the second * denotes the position of earthing contact)
<i>Rated voltage (V)</i>	Rated operating voltages for different position of earthing contact according to table 104 (see below)
<i>Rated current (A)</i>	32
<i>IP-Class</i>	44
<i>Standard sheet</i>	60309-2/2-I
<i>Trade mark</i>	<b>AKK</b>
<i>Product information</i>	3P+E. With switch-disconnector.
<i>Position of earthing contact</i>	1h, 3h, 4h, 5h, 6h, 7h, 9h, 10h and 11h

*This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.*

*REF*

*AKK*



**Intertek**  
**Appendix**

Reference No. 1515814

Type designation	*32MM** (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	<b>ABB</b>
Product information	3P+N+E. With switch-disconnector.
Position of earthing contact	1h, 5h, 6h, 7h and 9h

*This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.*



# Intertek Appendix

Reference No. 1515814

**Table 104**

Number of contacts	Type	Frequency Hz	Rated operating voltage V	Accessories earthing-contact position <sup>a</sup>		
				16/20 A 32/30 A	63/60 A 125/100 A	
3 contacts	1P+N+ $\perp$ Series II	50 and 60	100 to 130	4	4	
		60	277	5	5	
	2P+ $\perp$ 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 <sup>d</sup>	3	3	
Over 250	8		8			
4 contacts	2P+N+ $\perp$ Series II	50 and 60	125/250 single-phase	12	12	
	Series I	50 and 60	Supply from an isolating transformer	12	12	
	3P+ $\perp$ 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 <sup>b</sup>	11	11	
		50 and 60	480 to 500	7	7	
			600 to 690	5	5	
		50 60	380 440 <sup>c</sup>	3	3	
		50 and 60	1000		8	
		100 up to and including 300	Over 50	10	10	
		Over 300 up to and including 500	Over 50	2	2	
	5 contacts	3P+N+ $\perp$ Series I and II	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	
347/600 to 400/690				5	5	
60			250/440 to 265/460 <sup>b</sup>	11	11	
50 60			220/380 250/440 <sup>c</sup>	3	3	

*This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.*

REF

AKK



**Intertek  
Appendix**

Reference No. 1515814

Number of contacts	Type	Frequency Hz	Rated operating voltage V	Accessories earthing-contact position <sup>a</sup>	
				16/20 A 32/30 A	63/60 A 125/100 A
		50 and 60	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
	All types	All rated operating voltage and/or frequencies not covered by other configurations. This clock counter position can additionally be used in special applications where a distinction to standardized positions is needed		1	1

NOTE The positions shown by a dash (-) are not standardized.

a The earthing-contact position is indicated by the relevant numeral (see 7.1).  
 b Mainly for marine installations.  
 c Only for refrigerated containers (standardized ISO).  
 d This configuration is required to have an earthing contact because it covers voltages above the upper limits of ELV (d.c.) according to IEC 60364-4-41.

This certificate, which includes production control, constitutes sufficient support for an EC Declaration of Conformity and CE marking, according the principle of presumption of conformity, of the products according to the Low Voltage Directive 2006/95/EC.  
 This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

This certificate replaces previously issued ref. No. 1515100 dated 2015-08-07 for ABB AB Cewe.

**Manufacturing site(s)** ABB s.r.o. Elektro-Praga  
 Resslova 3  
 CZ- 466 02 Jablonec nad Nisou  
 CZECH REPUBLIC

**Certification Body** Intertek Semko AB, Product Certification **Place** Kista - Stockholm

**Signed**   
 Pär Iggeström **Date** 26 August 2015

*This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.*

ABB AB Cewe  
Arnöleden 2  
611 31 Nyköping

**Handled by**  
Thomas Svensson  
**Direct telephone**  
+46 8 750 04 62  
**Reference**  
1515814  
**E-mail**  
thomas.svensson@intertek.com  
**Your Reference**  
4571454398 / Peder Tjäderhane

26 August 2015

**Intertek S Mark Certificate with No. 1515814**

We are pleased to enclose the Intertek S Mark Certificate you have applied for.

**Thank You for S Marking your Products!**

You have taken the first step to S Mark, but have you taken the next step by letting your customers know about your investment? When you use the S Mark in your marketing you are making clear that your company is truly committed to quality and safety. Positioning and differentiate yourself as a company which is dedicated to safety enables you to increase your sales – because in Europe safety sells.

The S Mark is highly recognized among retailers and authorities since 1926.

The S Mark also strengthens your brand by signaling that safety is important to your company and that you care about the safety of your clients. Since we value you as a customer we want to make sure you are getting the best value out of the S Mark. Many of our customers are already using the S Mark in their marketing. Popular media to use the mark is in campaigns, on packaging and in product catalogues. To find out more and to download tools, please visit <http://www.intertek.com/marks/s/>



If you have any questions don't hesitate to contact us at [info-sweden@intertek.com](mailto:info-sweden@intertek.com)

**Additional part of the certification**

In addition to your product certification, we are conducting inspections at your manufacturing site/s. The inspections are carried out by our inspectors or subcontractors. For details of the technical requirements for these inspections, please visit <http://intertek.com/europeaninspection>

Your success is important to us!

Best Regards,



Göran Lilja  
Executive Vice President  
Intertek Semko AB