

Certificate



for European Product Safety
Intertek

Reference No. 1620515

Connector for industrial purposes

Type designation 216EC**W, 316EC**W, 416EC**W, 232EC**W, 332EC**W, 432EC**W

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 21 December 2021

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


Bo Berglöv

Date 2 December 2016
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This certificate is issued in accordance with the terms and conditions set out in the Appendix.



Intertek Appendix

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Technical data

Type designation	216EC**W (** 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	2P+E, rewirable, screw-type terminals
Position of earthing contact	1h, 2h, 4h, 6h, 9h, 10h and 12h

Type designation	316EC**W (** 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, rewirable, screw-type terminals
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h, 11h and 12h

Type designation	416EC**W (** 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+N+E, rewirable, screw-type terminals
Position of earthing contact	1h, 2h, 3h, 4h, 6h, 7h, 9h, 10h, 11h and 12h

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Type designation	232EC**W (** 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	2P+E, rewirable, screw-type terminals
Position of earthing contact	1h, 2h, 4h, 6h, 9h, 10h and 12h

Type designation	332EC**W (** 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)	67
IP-Class	44
Standard sheet	60309-2/2-I
Trade mark	ABB
Product information	3P+E, rewirable, screw-type terminals
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h, 11h and 12h

Type designation	432EC**W (** 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+N+E, rewirable, screw-type terminals
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h, 10h, 11h and 12h

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Table 104

Number of contacts	Type	Frequency Hz	Rated operating voltage V	Accessories earthing-contact position ^a	
				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 ^d	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 ^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	-	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 ^b	11	11
		50 60	220/380 250/440 ^c	3	3

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Number of contacts	Type	Frequency Hz	Rated operating voltage V	Accessories earthing-contact position ^a	
				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.					
<p>a The earthing-contact position is indicated by the relevant numeral (see 7.1).</p> <p>b Mainly for marine installations.</p> <p>c Only for refrigerated containers (standardized ISO).</p> <p>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.</p>					

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.

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

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

Signed


Bo Berglöf

Date 2 December 2016

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