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Certificate

for European Product Safety

Intertek

Reference No. 1908822

Socket-outlet for industrial purposes

Type designation	216MVS**WH, 316MVS**WH, 416MVS**WH, 232MVS**WH, 332MVS**WH, 432MVS**WH
Certificate holder	**ABB s.r.o.** **Vyskocilova 1561/4a** **140 00 Praha 4** **CZECH REPUBLIC**
The product complies with the standard(s)	EN 60309-4:2007 + A1
Date of expiry	14 November 2023
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	Henrik Wikström	*Date*	25 April 2019

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

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Technical data

Type designation	216MVS**WH (** denotes the position of earthing contact)
Rated voltage (V)	See table 104 (below)
Rated current (A)	16
IP-Class	67 and 69
Standard sheet	EN 60309-2/2-I
Trade mark	ABB
Product information	2P+E. With switch-disconnector and manual interlock
Position of earthing contact	1h, 2h, 3h, 4h, 6h, 8h, 9h and 12h

Type designation	316MVS**WH (** denotes the position of earthing contact)
Rated voltage (V)	See table 104 (below)
Rated current (A)	16
IP-Class	67 and 69
Standard sheet	EN 60309-2/2-I
Trade mark	ABB
Product information	3P+E. With switch-disconnector and manual interlock.
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

Type designation	416MVS**WH (** denotes the position of earthing contact)
Rated voltage (V)	See table 104 (below)
Rated current (A)	16
IP-Class	67 and 69
Standard sheet	EN 60309-2/2-I
Trade mark	ABB
Product information	3P+N+E. With switch-disconnector and manual interlock.
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Type designation	232MVS**WH (** denotes the position of earthing contact)
Rated voltage (V)	See table 104 (below)
Rated current (A)	32
IP-Class	67 and 69
Standard sheet	EN 60309-2/2-I
Trade mark	ABB
Product information	2P+E. With switch-disconnector and manual interlock.
Position of earthing contact	1h, 2h, 3h, 4h, 6h, 8h, 9h and 12h

Type designation	332MVS**WH (** denotes the position of earthing contact)
Rated voltage (V)	See table 104 (below)
Rated current (A)	32
IP-Class	67 and 69
Standard sheet	EN 60309-2/2-I
Trade mark	ABB
Product information	3P+E. With switch-disconnector and manual interlock.
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

Type designation	432MVS**WH (** denotes the position of earthing contact)
Rated voltage (V)	See table 104 (below)
Rated current (A)	32
IP-Class	67 and 69
Standard sheet	EN 60309-2/2-I
Trade mark	ABB
Product information	3P+N+E. With switch-disconnector and manual interlock.
Position of earthing contact	1h, 2h, 3h, 4h, 5h, 6h, 7h, 9h and 11h

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Table 104 (1 of 2)

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+⏚ Series II	50 and 60	100 to 130	4	4
		60	277	5	5
	2P+⏚ 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+⏚ Series I and II	50 and 60	7100 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+⏚ 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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Table 104 (2 of 2)

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.

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.

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.

This certificate replaces previously issued ref. No. 1818590 dated 14 November 2018.
A new certificate has been issued on account of change certificate holder.

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

Signed Henrik Wikström *Date* 25 April 2019

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14/06/2019

Socket-outlet for industrial purposes types 216MVS**WH, 316MVS**WH, 416MVS**WH, 232MVS**WH, 332MVS**WH, 432MVS**WH

The change design of the product mentioned above, consisting of an alternative construction (new mechanical interlock) has been tested and accepted.

Our certificate, reference No. 1908822 dated 25 April 2019 is valid on unchanged conditions also for this design.

Yours sincerely

Anneli Averland Johansson
Operations Manager, Industrial