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Export Control Product Classification Report

Miniature Circuit Breakers and Accessories

ECN = N	ECCN = N
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1 Product

1.1 Product description

Describe the product (name, type, part number, version, rating etc.).

ABB low voltage miniature circuit breakers and accessories as per HS-code / customs tariff no. 85362010, 85362090 and 85389099

- Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits, e.g., switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and junction boxes, for a voltage ≤ 1.000 V (excl. control desks, cabinets, panels etc. of heading 8537)
 - Automatic circuit breakers for a voltage ≤ 1.000 V, for a current ≤ 63 A
 - Automatic circuit breakers for a voltage ≤ 1.000 V, for a current > 63 A
- Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537, n.e.s.
 - Parts suitable for use solely or principally with the apparatus of heading 8535, 8536 or 8537, n.e.s. (excl. electronic assemblies, and boards, panels, consoles, desks, cabinets and other bases for the goods of heading 8537, not equipped with their apparatus, and for wafer probers of subheading 85369020)

1.2 Product sales price and product split

Indicate the international price ("fair market value") for unrelated parties (list or catalogue price) or the target price for products to be developed. Indicate the respective portions of the product sales price for **Hardware / Software / Technology**

Not applicable

2 Documents and technical input

2.1 Product documents

List the documents (catalogues, brochures, manuals, datasheets etc.) where the relevant product properties and characteristics were taken from. Name the person(s) that provided additional technical information if any.

ABB product guide on abb.com: Low Voltage Products and Systems > Modular DIN Rail Products > Miniature Circuit Breakers. Or go to the Download Center: [Link](#)

2.2 National export control list / U.S. EAR

Indicate the list (incl. revision date or number) checked for entry matches.

German Export List 2010 Annex AL of Export Controls (Außenwirtschaftsverordnung)

3 Classification and U.S. content calculation

3.1 Possible entry matches

Search the export control list for potential hardware / software / technology entry matches by index / full text / synonyms; similar products / similar functions /; parts / components / elements. List the catchwords and corresponding entry matches.

Not applicable

3.2 National classification

Check whether relevant conditions of the possible entry matches are met taking into account the General Notes (NTN / GTN / GSN), Notes (category level), Notes / N.B.s (item level) and Technical Notes

- List all entry matches where mandatory conditions are **not** met and the conditions that are not met.
- List all entry matches where the mandatory conditions are met; take the exceptions into account.
- Enter 'ECN = N' in the document heading if b) above is empty.
- Enter the most restrictive entry matches for hardware / software / technology in the document heading.
- Provide a short explanation of the result as per d) above.
- Provide additional information such as general licenses or potential export restrictions for product spare parts.

Neither do the potential catchword matches apply to the product description 1.1. above nor does the correlation list indicate potential ECNs for the relevant HS codes.

There are no products which are classified as "dual-use-goods".

Conclusion: ECN = N

3.3 U.S. de-minimis calculation

- Check the product parts, components and elements for U.S. content.
- Check whether the U.S. content is eligible under de-minimis. Indicate valid one-time reports of software / technology.
- Calculate the U.S. content percentage value by dividing the landed cost of the U.S. content by the corresponding portion of the product sales price as per item 1.2 above.
- Enter 'not subject to the EAR' in the document heading if the figures calculated under c) do not 10% respectively 25%.
- Enter 'EAR99' in the document heading if d) is not true and the non-controlled U.S. content exceeds 10% or 25%.
- Enter the most restrictive entry matches for hardware / software / technology in the document heading.
- Provide a short explanation of the result as per f) above.
- Provide additional information such as license exceptions or potential export restrictions for product spare parts.

The U.S. content of foreign made general purpose LV mechanical switching apparatus does usually not exceed 10%.

Conclusion: ECCN = N (not subject to the EAR)