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Aux. Contact 1NO+1NC OZ XK 1
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Hjelpekontakt OA1G10
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Hjelpekontakt OA2G11
Hjelpekontakt OA2L11
Hjelpekontakt OA3G01
Hjelpekontakt OBEA01
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Hjelpekontakt OBEA10
Hjelpekontakt OBEA10AU
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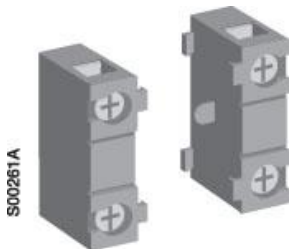


ABB AS, Low Voltage Products

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Register of Business Enterprises
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Pages
1 (2)

Letter of confirmation

To whom it may concern

We hereby confirm that the listed ABB products can be used in ambients specified below:

OT16F...160E_ , OT16...125F_C_

- Storage & transportation ambient temperatures
 - o - 40C ...+ 55C, short time (2h/24h) + 70C. Ambient humidity as specified in IEC60947-1 standard.
- Operation ambient temperatures
 - o Continuously - 5C ... + 35C, short time (2h/24h) + 40C, as specified in IEC60947-1 standard. Product ratings as shown in the documentation.
 - o At - 40C the maximum number of cold starts is 100 operations.
 - o In ambient temperatures over + 35C the current ratings must be derated according to the manufacturers instructions. Ambient humidity shall not exceed the level specified in the standard IEC60947-1.

OT200...4000E_ , OT160...3200E_C_ , OS32G_ ... OS1250_ , OTDC16_ ... 500_

- Storage & transportation ambient temperatures
 - o - 40C ...+ 55C, short time (2h/24h) + 70C. Ambient humidity as specified in IEC60947-1 standard.
- Operation ambient temperatures
 - o Continuously - 5C ... + 35C, short time (2h/24h) + 40C, as specified in IEC60947-1 standard. Product ratings as shown in the documentation.

ABB Oy

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- At - 35C the endurance values according to the requirements of category B.
- In ambient temperatures over + 35C the current ratings must be derated according to the manufacturers instructions. Ambient humidity shall not exceed the level specified in the standard IEC60947-1.

Yours faithfully



Martti Tuononen

Product manager