



# Type Approval Certificate

Germanischer Lloyd

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **44 470 - 07 HH**

Company **ABB Oy**  
**Low Voltage Products**  
**Muottitie 2A**  
**65320 Vaasa, FINLAND**

Product Description **Fuse Switch-disconnectors**

Type **OS Mini Series**  
**OS Mini 16, OS Mini 20, OS Mini 25, OS Mini 32, OS Mini 35, OS Mini 40**

Environmental Category **C/H**

Technical Data / Range of Application  
**Rated operational voltage Ue : 690 V AC**  
**Rated insulation voltage Ui : 1000 V AC**  
**Rated impulse withstand voltage Uimp : 12 kV**  
**Polution degree: 3**

**Conventional free air thermal current Ith (40°C) : up to 40 A**  
**Rated operational current Ie : AC-21 up to 40 A**  
**AC-22 up to 40 A**  
**AC-23 up to 40 A**

**Rated short-time withstand current Icw (1 s) : 1 kA**  
**Rated conditional short-circuit current (690 V) Ip : 80 kA**  
**Rated frequency : 50/60 Hz**  
**Operational temperature range: -25°C up to + 55°C**  
**Fuse type according to IEC 60269-2-1 (see ABB catalogue 1SCC317003C0202)**  
**Fuse size according to maximum allowed cut-off current I<sub>c</sub>**

Test Standard **Guidelines for the Performance of Type Approvals (Edition 2003)**  
**IEC 60947-1: 1999 + A1:2000 + A2:2001; IEC 60947-3:1999 + A1:2001**

Documents **ABB test report 9AFX99-161; SGS FIMKO test report 224220-1**

Remarks **None**

Valid until **2012-06-24**

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Type Approval Symbol



File No. **I.K.02**

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**Germanischer Lloyd**

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