



Germanischer Lloyd

Type Approval Certificate

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. **44 486 - 07 HH**

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

Product Description **Fuse Switch-disconnectors**

Type **OS Series**
OS 32, OS 50, OS 63, OS 100 , OS125 , OS160

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 160 A
Rated operational current Ie : AC-21 up to 160 A
AC-22 up to 160 A
AC-23 up to 160 A
up to OS 63 up to OS 160

Rated short-time withstand current Icw (1 s) : 2,5 kA 5 kA
Rated conditional short-circuit current (690 V) Ip : 80 kA 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)
Maximum fuse size as per Manufacturer guidelines

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 224279-1; 22429-2; 22429-3**

Remarks **None**

Valid until **2012-06-24**

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Type Approval Symbol



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