



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. **40 831 - 01 HH**

Company **Mitsubishi Electric Corporation
Fukuyama Works
1-8 Midori-Machi
Fukuyama-City, 720 Hiroshima Pref., Japan**

Product Description **Moulded-case Circuit Breaker**

Type **NF100-HGW, NF125-HGW, NF225-HGW, NF250-HGW**

Environmental Category **C**

Technical Data /
Range of Application **Rated operational current Ie : 15 - 100, 16 - 125, 125 - 225, 125 - 250 A
Rated operational voltage Ue : 690 V AC / 300 V DC
Rated insulation voltage Ui : 690 V
Rated impulse withstand voltage Uimp : 8 kV
Rated frequency : 50/60 Hz
Utilization category : A / B***

Rated short-circuit capacity at :

	230	380 - 400	415	440 - 450	500	690 V AC
Icm :	220	165	154	143	105	40 kA
Icu :	100	75	70	65	50	20 kA
Ics :	100	75	70	65	50	20 kA

Performance at 300 V DC Icm: 40 kA, Icu: 40 kA, Ics: 40 kA

*) Icw (0.5 sec) : 1.75 kA (NF125-HGW), 3.5 kA (NF250-HGW)

Number of poles: 3,4 (2 NF125HGW,NF250HGW thermal, magnetic release)

Release systems : Thermal, Magnetic and Electronic (AC only)

Test Standard **Regulations for the Performance of Type Tests, Part 1, Edition 2001
IEC 60947-2 (1995) and Amendment 1 (1997)**

Documents **Test report : Mitsubishi Electric Corporation (01.08.2001)
Constructional drawings : LN105A729, 730, -731, -772, -682, -683, -685, -686,
LN326A982, -983, -790, -791, -813, -814, LN327A305, -A308
Catalogue : L-172-C5411-A FY0106**

Remarks **None**

Valid until **2007-03-11**

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Type Approval Symbol



File No. **I.K.01**

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