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The bushing shall be installed in a non-magnetic mounting plate.

Verification of capacitance and arc must be performed prior to installation in the wall.

The bushing is suitable for altitudes of 3000 m above sea level according to IEC 60137 2017.

Seismic withstand according to: GB50260-2013, 0.4g

The bushing external withstand corresponds to:

LI  2390 kVpeak
SI  1925 kVpeak
at sea level

The temperature rise tests has also a 5K margin to the IEC limit.

Identical connection interface on both sides

Silver plated acc.to SS ISO 4521 10µm

Example of rating plate

Ordering Data:

Bushing:
1ZSC005399-AAC

Density guards:

Bushing type SF6: insulated
Insulator material: composite

Rated Voltage                              800      kVdc
Maximum continuous voltage                 816      kVdc
Lightning Impulse                         1870      kV
Dry/wet Switching Impulse                 1675      kV
Dry Power Frequency (60 sec / 1 hour)     890/865   kVrms
DC Withstand Voltage 2 hour               1224      kVdc
Polarity Reversal                         1020      kVdc
Rated current                             6250      Adc
at 50°C ambient
Rated continuous current                  6328      Adc
at 50°C ambient
2 hours overload temperature rise test current            7025      Adc
Long term temperature rise test current            6644        Adc
Filling pressure at 20°C                  0.57      MPa abs.
Mass at filling density approx.            6557      kg
Mass empty approx.                        6169      kg

Bushing Data:

Catalog number 1ZSC005399-AAC

Seismic withstand standard added, Density guard updated

No. Shts. Document no. Language
1 1ZSC005398-AAC

Sheet no. Order Responsible department

Revision En Used in product Prepared

GGFL 800 HCHA
2019-09-26 Henrik Löfås

GGFL 800 HCHA
2019-09-26 Anandakrishnan R

Modified by
PGCO/BK
2019-09-18 Anandakrishnan R

Title

Responsible department

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