

“Like-for-Like” Replacement Transformer Bushing Data Questionnaire

For an accurate “like-for-like” replacement design upload an original copy of the OEM drawing.

Choose File

If the original OEM drawing is not available complete the following questionnaire:

Applicable Standard

Example: CAN/CSA, IEC, IEEE or other project-specific standards

Quantity required

Shipping location

Service

Example: Oil/Air, SF6/Oil, etc

Rated maximum voltage (kV)

Rated maximum line-to-ground voltage (kV)

Rated lightning impulse withstand voltage 1.2 / 50 μ s

Rated power frequency withstand voltage 1 min. (dry)

Rated frequency (Hz)

Rated current (A)

Rated short time current (kA)

Creepage distance (mm)

Cantilever load (N)

Bushing connection type

Example: Draw Lead, Bottom Connected

Temperature range (°C)

Seismic qualification required (IEEE 693)

Altitude (m)

Key dimensions required for an accurate replacement design:

Oil end length (mm)

Maximum diameter below the flange (mm)

Current transformer pocket length

(Distance from flange mounting surface to minimum oil level)

Minimum inside tube diameter

(Draw lead applications)

Length above flange to draw lead

(Draw lead applications)

Top terminal length (mm)

Top terminal diameter (mm)/thread class

Top terminal notes:

(Any special requirements for connection type, terminal material, thread, or interface)

Bottom terminal length (mm)

(Bottom connection applications)

Bottom terminal diameter (mm)/thread class

(Bottom connection applications)

Bottom terminal blade - number of holes and hole dimensions

(If applicable)

Bottom terminal notes:

(Any special requirements for connection type, terminal material, thread, or interface)

Mounting flange:

Number of bolt holes

Diameter of bolt holes (mm)

Bolt circle dimensions (mm)

Flange or mounting notes:

(Any relevant dimensional, mechanical, or installation requirements)

Please include any additional information that may help RHM review your request.

Submit Specifications