



Global Standard

POWER TRANSFORMERS



DATA SHEET OF TRANSFORMER REQUIREMENTS

| | | |
|---|--|---------------------------------------|
| GS Type Code | | Brazil-GST002/915 |
| Country | | Brazil |
| Country Code | | AM - 6814721 |
| TR or ATR | | TR |
| N° of phases | | 3P |
| Frequency (Hz) | | 60 |
| N. of windings | | 2 |
| Cnt Symbol | | Dyn1 |
| Rated Power Sr (MVA) - for different cooling system and more MV | | 10/12,5/16 |
| Cooling System | | ONAN/ONAF1/ONAF2 |
| Service conditions 60076-1 | | Normal |
| Ref. Temp. 60076-2; Table 1,2 (K) | | 60/65/78 |
| Rated HV Ur (kV) - Primary | | 69 |
| HV insul. levels (Um-BIL-IND-AC) (kV) | | 72,5/325/140/140 |
| HV neutral (inside/outside) | | -- |
| HV neutral (Insul. Levels) (kV) | | -- |
| HV Volt. Reg. Type (OLTC-DETC-NO) | | OLTC |
| HV Volt. Reg. (n. of steps, value %) | | +4 /-12 x 1,25% |
| MV Rated Voltage Ur (kV) | | 13,8/11,95 |
| MV insulation (Um-LI-AC) | | 17,5/95/38/38 |
| MV Neutral (inside-outside) | | outside |
| MV Neutral (insul levels) | | Uniform |
| MV Volt. Reg Type (DETC-intank bars-NO) | | Y |
| MV Volt reg (n°step, value%) | | No |
| MV2 Rated Voltage Ur (kV) | | -- |
| MV2 insulation (Um-LI-AC) | | -- |
| MV2 Neutral (inside-outside) | | -- |
| MV2 Neutral (insul levels) | | -- |
| MV2 Volt. Reg Type (DETC-intank bars-NO) | | -- |
| MV2 Volt reg (n°step, value%) | | -- |
| Tertiary for compensation (description) | | No |
| Zsc HV-MV (% rif Sn) | | 8% (10 MVA) |
| Zsc HV-MV2 (% rif Sn) | | No |
| Zsc MV-MV2 (% rif Sn) | | No |
| Load Loss HV-MV (kW) | | -- |
| No Load Loss HV-MV (kW) | | -- |
| Load Loss MV-MV2 (kW) | | -- |
| No Load Loss HV-MV2(kW) | | -- |
| HV bushing type | | Oil/Air - Type O/A |
| MV bushing type | | Oil/Air - Type O/A |
| Main Accessory | | Local Part |
| Sismisc requirement | | No |
| MV2 bushing type | | No |
| Nivel de Ruido (dB) A | | 68/70/71 |
| Painting | | P |
| Color | | Ral 7038 |
| Surge Arrest Support | | Y |
| Installation | | Outdoor |
| Current Transformers in Bushings - HV | | 1400/700/350 - 5A (50VA 10P20) |
| Current Transformers in Bushings - MV - NEUTRAL | | 1400/700/350 - 5A (50VA 10P20) |
| Overall Dimensions (mm) (L x A x H) Max. | | 7000x3700x4100 |

Additional requirement

Local Part