

Transformer Specification

Quote. Ref. :

Customer :

Project :

| | | |
|-------------------------------------|----------------------------|--|
| Rated power | ...KVA. | 1000 |
| Type of transformer | - | Oil immersed (Hermetically sealed) |
| MEPS standard | - | Yes |
| Standard | - | AS/IEC 60076 |
| Cooling System | - | ONAN |
| | | KNAN (FR3 oil high fire point fluid natural air Natural) |
| | | KNAN (Midel oil high fire point fluid natural air Natural) |
| Material | | Aluminium |
| IP degree of protection | | IP65 cable box IEC |
| Electrical insulation class | | A |
| No. of phase | - | 3 |
| Frequency | ...Hz. | 50 |
| Rate of voltage | : Primary ...V. | 11000 |
| | : Secondary ...V. | 433 / 250 |
| Vector group | - | Dyn11 |
| Tapping | Type | Off circuit tap changer |
| | No. of steps | 4 |
| | Percentage of tapping | +/- 2 x 2.5 % |
| Impedance voltage at 75 °C | ...% | 6.00 |
| No - Load current | ...% | 1.00 |
| Ambient temperature max | ...°C | 45 |
| Average Temperature rise of winding | ...°C | 65 |
| Average Temperature rise of top oil | ...°C | 60 |
| Noise level not more than | ...dB | 58 |
| No - Load loss | ...Watt | 1210 |
| Load loss at 75 °C | ...Watt | 9600 |
| Efficiency at P.F. = 1 | : 25% of rate power ...% | 99.28 |
| | : 50% of rate power ...% | 99.28 |
| | : 75% of rate power ...% | 99.13 |
| | : 100% of rate power ...% | 98.93 |
| Voltage regulation | : at P.F. = 0.8 ...% | 4.41 |
| | : at P.F. = 0.9 ...% | 3.57 |
| | : at P.F. = 1 ...% | 1.14 |
| Impulse withstand Voltage | : Primary winding ...KV. | 75 |
| | : Secondary winding ...KV. | - |
| Power frequency | : Primary winding ...KV. | 28 |
| | : Secondary winding ...KV. | 3 |
| Terminal arrangement | H.V. side | Cable |
| | L.V. side | Cable |
| Installation on | | Platform / Concrete foundation |

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Accessories :

| | |
|--|----------|
| H.V. bushing with terminal connector | Included |
| L.V. bushing with terminal connector | Included |
| Grounding pad or earth terminal | Included |
| Lifting lug | Included |
| Upper filter press connection | Included |
| Oil drain, filter press sampling valve | Included |
| Name plate | Included |
| Skid Base | Included |
| Mechanical pressure relief device | Included |
| DMCR relay | Included |
| Oil level indicator | Included |
| Testing : | |
| - Routine test | |
| Ratio test at each position of tap | Included |
| Polarity and phase relation test | Included |
| Resistance measurement | Included |
| No-load loss and exciting current test | Included |
| Impedance and load loss test | Included |
| Applied potential test | Included |
| Induced potential test | Included |
| Insulation resistance test | Included |
| Oil test | Included |
| NDT test | Included |