

3HAC024174-001

Industrial automation components

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| Manufacturer | Abb |
| Catalog number | 3hac024174-001 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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|--------------------------|-----------------------|
| Weight | 20.41 kgs |
| Power Rating | 2.5 kVA |
| Operating Voltage | Up to 400V AC |
| Frequency Range | 50Hz/60Hz |
| Efficiency | 98% at full load |
| Insulation Class | Class F |
| Protection Rating | IP20 |
| Dimensions | 200mm x 100mm x 100mm |

Description

The ABB 3HAC024174-001 is a 2.5 kVA control power transformer designed for industrial automation applications. It ensures efficient power conversion and distribution, enhancing the reliability and energy efficiency of manufacturing processes. This transformer is suitable for use in industrial robotics, CNC machining centers, power generation systems, and oil & gas refineries. Key features include a power rating of 2.5 kVA, operating voltage up to 400V AC, frequency range of 50Hz/60Hz, efficiency of 98% at full load, insulation class F, and protection rating IP20. The transformer has dimensions of 200mm x 100mm x 100mm and weighs 15 kg. It is built with advanced magnetic materials to ensure consistent performance under varied operational conditions. Designed for ease of installation and maintenance, the ABB 3HAC024174-001 transformer unit offers long-term reliability and reduces downtime in industrial settings.