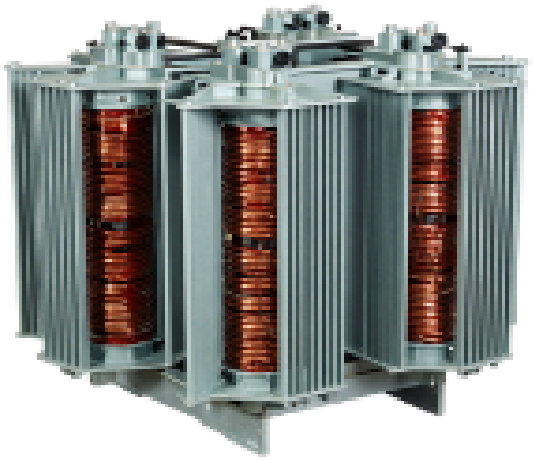
400 kVA | 24,000/400 V | Dyn11

Natural-air cooling | Class F thermal insulation

Management Systems & Reference Standards

SPRINT TECHNOLOGY LLC	SPRINT TECHNOLOGY LLC	SPRINT TECHNOLOGY LLC	PRODUCT STANDARD	PRODUCT STANDARD
ISO 9001:2015	**ISO 14001:2015**	**ISO 45001:2018**	**IEC 60076-1**	**IEC 60076-11**
Quality management system	Environmental management system	Occupational health & safety management system	General requirements	Dry-type transformers

ISO: Sprint Technology LLC management systems only. IEC: reference standards; no product certification implied.



Technical Specifications

Equipment	Dry-type distribution
Rated power	400 kVA
Primary voltage	24,000 V
Secondary voltage	400 V
HV tapping range	±2 × 2.5%
Vector group	Dyn11
Phases	Three-phase
Cooling	AN — natural air
Thermal class	Class F
HV winding insulation	Resin encapsulated
LV winding insulation	Resin impregnated
Dielectric rating	Configured to system duty
Handling accessories	Lifting lugs
Mobility	Bidirectional swivel wheels
Application	Power distribution

Product Overview

Three-phase, resin-insulated dry-type distribution transformer for medium-voltage to low-voltage power conversion. This 400 kVA configuration combines a 24,000 V primary, 400 V secondary, Dyn11 connection and natural-air cooling. Product image is illustrative.

Technical Key Features

- Resin-encapsulated HV windings.
- Resin-impregnated LV windings.
- Class F thermal insulation.
- Natural-air cooling (AN).
- HV tapping range: ±2 × 2.5%.
- Three-phase Dyn11 connection.
- Lifting lugs for handling.
- Bidirectional swivel wheels.

Configuration Options

- Frequency and winding conductor selection.
- Enclosure and terminal arrangement.
- Temperature monitoring and accessories.
- Dielectric levels to suit the application.

Application & Documentation

- MV-to-LV power distribution.
- Site conditions reflected in the selected design.
- Ventilation and clearances to approved drawings.
- Outline and connection drawings.
- Test documentation for the selected configuration.
- Final ratings recorded on the equipment nameplate.

Final configuration and accessories are defined in the approved technical schedule.