

Drake Power Systems 24V/1250A DC Air Cooled Transformer Rectifier



Stock Code: RA731

Manufacturer: Drake Power Systems

Model: Saturable Reactor Control

Serial: 3248

New or Used: Used (Second Hand)

Voltage: 0 - 24V

Amps: 1250

Other Info: Silicone Diode

Weight: 750

External Dimensions (WxDxH): 1050 x 850 x 1770

Transformer/Rectifier Technical Specification

Control: Saturable reactor (transductor) controlled, to give current regulated output control 5%-100% range

Rectifier Type: Silicon diode, full wave rectification, bridge connected, 6 Pulse configuration

Output DC: 1250A 0-24V DC

Input AC: 415-440VAC 3 Phase 50/60Hz +/- 10%.



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Control Supply: 240VAC 1 Phase (derived internally)

Input Power: 52Amps @380/440 3 phase 50Hz

Dimensions: 1050mm x 850mm x 1770mm

Weight: 750kgs

Parallel Operation: The saturable reactor control circuit is designed so parallel operation is achievable, without any need for current sharing circuits. Each unit has inbuilt current limit so overloading in parallel operation is impossible.

General Construction: Consisting of a standard floor mounted steel enclosure with hinged opening front doors for ease of access. Enclosure fitted with channel under-base for ease of moving. All transformers and electronic equipment suitably protected against corrosive environments.

Operating Conditions: Indoor use in up to a 40°C ambient temperature.

DC Output Connections: DC Heavy duty aluminium busbars.

Ripple: Standard Rectifiers 5% or better over the full range of operation.

View Drake Power Systems 24V/1250A DC Air Cooled Transformer Rectifier on our web site at <https://www.rileysurfaceworld.co.uk/machines/30706.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.