GlobeHeat Datasheet : Product Code GHT 1204

Product Description: 70kVA Six Way Heat Treatment Centre with Six Channel P183 Programmer, a Chino 12 Point Recorder and Six Ammeters

This 70kVA, six channel unit provides six output channels of power and temperature control of up to twenty four, 65V, 45A, 2.7kW ceramic heating elements for preheating or post weld heat treatment of pipe or fabrication welds or other fabrications where controlled heating is required. The heat treatment process is controlled by a built in P183 six channel programmer for six channel program, automatic control. Recording is provided by a 12 channel, Chino EH3127-001 temperature chart recorder

Applications

The unit has been designed and manufactured for use on site in a variety of global industrial environments or inside a workshop. The chassis trolley design enables the unit to be easily moved around in typical site conditions.

Features

- The front control panel includes:
  * one P183 six channel controller/programmers
  * one twelve channel Chino EH3127-001 temperature recorder
  * six ammeters
- The rear panel includes:
  * six type K thermocouple panel mounted input sockets
  * moulded case circuit breaker (MCCB)
  * twelve 0V and 65V output , 300A, panel mounted twistlock sockets.
  * two 110V auxiliary sockets for supplying power for thermocouple attachment units (TAU) for recharging.

Specification	
Primary Input Supply Voltage (and Current)	Three phase, 380V (106A) , 415V (97A) or 440V (92A)
Frequency	50/60Hz
Secondary Output Voltage	65V a.c.
Transformer coil	70kVA Natural air cooled, class H.
Maximum total number of 2.7kW ceramic heating elements	Twenty four
Maximum 2.7 kW heaters per channel and per phase	Four per channel : Eight per phase.
Protection	Over temperature sensor in each winding and 3 phase MCCB with shunt trip.
Thermocouple Input and output	Type K (NiCr/NiAl)
Secondary 65V output connectors	Twelve 300A panel mounted twistlock sockets.
Auxiliary Outputs	Two 110V auxiliary sockets.
Case	Mild steel, blue powder coated. (stainless steel available on request)
Dimensions (including wooden packing box)	112cm x 98cm x 132cm
Weight	460 kg
Design Standards	EMC: EN 61326: 1998, LVD: EN 61010-1: 2001