



- Wires: 2 x light blue primary thermostat 140°C.
 - Wires: 2 x black secondary thermostat 80°C.
 - Wires: 2 x yellow rectifier thermostat 65°C.
 - Wires: 1 x brown; 1 x white - secondary toroid current monitor 150 mV/kA ± 3% at 1kΩ ohmic resistance.
- Earthing: If the earth connection MP is removed another suitable kind of protective measure is to be installed.

Type	Turn ratio	Rated supply voltage U_{2n} [V]	Frequency f [Hz]	Permanent input current I_{2p} [A]	Cooling water min. 6 L/min, max. 30°C Pressure difference [bar] max. 0.6 Normative references: ISO 5826, ISO 10656, ISO/CD 22829 MF Transformer Rectifier S_n : 120 kW @ $\alpha_x = 20\%$
MIT-120 H-500/10.0 TM	46:1	500	1000	120	
Rectified voltage, U_{20} [V]				10.0	
Output current [kA]					
Permanent, I_{2p}				5.4	
Nominal $\alpha_x = 20\%$				12	
On 200 $\mu\Omega$ load, I_{2n}				32	
Admissible				See diagram	
Surge I_{2S} (10ms, T_f max. 170°C)				50	
Protection class	Insulation class	Mass [Kg]	Tel.: +44-1483-634 634 Fax: +44-1483-573 624 e-mail: isomatic@isomatic.com www.isomatic.com		2003 Name Date Issue 3 Drawn: WK 26.06 Checked: DN 30.06
Transformer	IP65				
Terminals	IP00	F	17.5		