



Wires: 2 x light blue
primary thermoswitch 140°C.

Wires: 2 x black
secondary thermoswitch 80°C.

Wires: 2 x yellow
rectifier thermoswitch 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	Turns ratio	Rated supply voltage U_{1n} [V]	Frequency f [Hz]	Permanent input current I_{1p} [A]	Cooling water min. 6 L/min, max. 30°C
MIT-63-H-500/6.3 TM	70:1	500	1000	78	
Rectified voltage, U_{2d} [V]	6.3				Normative references: ISO 5826, ISO 10656, ISO/CD 22829
Output current [kA]	5.4				
Permanent, I_{2P}	12				
Nominal @x = 20%	19				
On 200 μΩ load, I_{2R}	See diagram				MF Transformer Rectifier S_n : 63 kW @x = 20%
Surge I_{FSM} (10ms, T_{jmax} 170°C)	50				
Protection class	Insulation class	Mass [Kg]	Tel.: +359-2-8774-596		2003 Name Date Issue 1
Transformer	IP65	F	Fax: +359-2-9753-032		
Terminals	IP00	17.5	e-mail isomatic @ isomatic.com www.isomatic.com		
					Drawn TT 20.06
					Checked GN 30.06