



- Wires: 2 x light blue primary thermoswitch 140⁰C.
 - Wires: 2 x black secondary thermoswitch 80⁰C.
 - Wires: 2 x yellow rectifier thermoswitch 65⁰C.
 - 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 (*CS=Customer Specified)	Output power @x = 20% [kW]	Rated supply voltage U _{1N} [V]	Permanent input current I _{1p} [A]	Turns ratio n	Rectified voltage U _{2d} [V]	Output current [kA]		
						Perma nent I _{2p}	On 200μΩ load I _{2R}	Nominal @x=20%
MIT-J-250-500/12.5 TM	250	500	250	38:1	12.5	9.5	36	20
MIT-J-300-650/14 TM	300	650	220	44:1	14	9.5	41	20
MIT-J-*CS	130-300	500-730	*	30-100:1	6.3-16	*	*	20

Admissible output current – see load diagram

Normative references:
ISO 5826, ISO 10656,
ISO 22829

Frequency f : 1000Hz

Surge output current I_{FSM}(10ms, T_{jmax} 170⁰) : 100kA

MF Transformer
Rectifier

Cooling water :
min. 8 L/min, max. 30 C⁰

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Protection class	Insulation	Mass
Transformer IP65	class	[Kg]
Terminals IP00	F	28

2008	Name	Date	Issue 1
Drawn	TT	10.07	
Checked	GN	11.07	