

# RAPTOR MS

(values @240 Vac, 50 Hz, 1 turn sec. 960 mm<sup>2</sup>, measured 25 cm on each side)

## HIGH CURRENT OUTPUT

Output Current	Output Voltage
No Load V (0%Imax)	0 - 1.20 Vac - Continuous
3.8 KAac (25%Imax)	0 - 0.81 Vac - Continuous
7.5 KAac (50%Imax)	0 - 0.42 Vac - 3 min
9.5 KAac (Imax)	0 - 0.22 Vac - 3 s
No Load Resolution	25 uVac
Output Frequency	20 - 400 Hz (Power reduction applied at 50 > f > 60 Hz)

## LOW CURRENT OUTPUT (not simultaneous with high current output)

Output Current	0 - 35 Aac (0 - 9 Aac continuous)
Voltage Output	0 - 200 Vac
Output Frequency	20 - 400 Hz (Power reduction applied at 50 > f > 60 Hz)
Isolated output	Yes
Protection	fuse

## MEASUREMENTS

Secondary Current	(for high current output)
Ranges	0-1 KAac/N; 0-15 KAac/N (n: number of secondary turns)
Resolution	1 Aac, 10 Aac
Accuracy	±0.2% of the value ±0.2% of the range
Phase angle	±0.25°

## AMMETER/LOW LEVEL VOLTMETER

Ammeter Ranges	0 - 0.2 / 0 - 2 / 0 - 20 Aac
Ammeter Resolution	0.1 mAac, 1 mAac, 10 mAac
Ammeter Impedance	<10 mΩ
Voltmeter Ranges	0 - 30 mVac, 0 - 0, 3 Vac, 0 - 3 Vac
Voltmeter Resolution	0.015 mVac, 0.15 mVac, 1.5 mVac
Voltmeter Impedance	>3000 KΩ
Frequency range	20 - 400 Hz
Accuracy	±0.1% of the value ±0.1% of the range
Phase angle	±0.25°
Isolated input	Yes

## VOLTMETER

Ranges	0 - 0.2 / 0 - 2 / 0 - 20 / 0 - 300 Vac
Resolution	0.1 mVac, 1 mVac, 10 mVac, 0.15 Vac
Impedance	>120 KΩ
Frequency range	20 - 400 Hz
Accuracy	±0.1% of the value ±0.1% of the range
Phase angle	±0.25°
Isolated input	Yes

## BINARY INPUT

Type	Dry contact / Voltage
Voltage mode Levels	1.5 V, 15 V ; Max. Voltage 250 Vac.
Time resolution	1 ms
Isolated Input	Yes

## COMMUNICATIONS

2 RS-485	Raptor Bus connectors to control unit Raptor-HH and/or other units
2 IrDA interfaces	Two channels for master/slaves linking