

**CAMBRIDGE**  
INTERNATIONAL EXAMINATIONS

**June 2003**

INTERNATIONAL GCSE

**MARK SCHEME**

**MAXIMUM MARK: 60**

SYLLABUS/COMPONENT: 0625/05

**PHYSICS**  
Practical





Page 2	Mark Scheme	Syllabus	Paper
	IGCSE EXAMINATIONS – JUNE 2003	0625	5

	Diagram	
	voltmeter in parallel across the motors	1
	ammeter correct	1
	variable resistor connected to vary current through one motor	1
	correct symbols for all three	1
	<b>TOTAL</b>	<b>15</b>
<b>4.</b>	angle 30 ( $\pm 1$ )	1
	angle 40 ( $\pm 1$ )	1
	pins F and G at least 5cm apart	1
	GF correct and neat	1
	new GF line correct and neat	1
	x line correct position	1
	record of x correct	1
	unit	1
	y line correct position	1
	record of y correct	1
	unit (same as x, stated or not)	1
	correct ratio x/y	1
	no unit	1
	2/3 sf	1
	value	1
	<b>TOTAL</b>	<b>15</b>