General Certificate of Education (A-level) June2013

## Electronics

ELEC4
(Specification 2430)
Unit 4: Programmable Control Systems

## Final

Mark Scheme

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation events which all examiners participate in and is the scheme which was used by them in this examination. The standardisation process ensures that the mark scheme covers the students' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for standardisation each examiner analyses a number of students' scripts: alternative answers not already covered by the mark scheme are discussed and legislated for. If, after the standardisation process, examiners encounter unusual answers which have not been raised they are required to refer these to the Principal Examiner.

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| 8 | (c) | protection diode for MOSFET <br> diode round the correct way <br> one NC terminal to Live, opposite NO to Neutral <br> then remaining NC terminal to Neutral, and NO to Live |  | 4 |
| :---: | :---: | :---: | :--- | :---: | :---: |

