Quin Logic Controller (QLC) provides Quin-developed motion functions that are PLC Open compatible and distributed across SERVOnet drives. Distributed functions ensure fast response times, reduced network traffic and fast PLC logic scan times, independent of the number of axes.

**QLC – powerful motion functions**

- Smooth moves
- Electronic gear
- Nonlinear CAM
- Lineshaft
- Differential
- Tension control
- PC tools
- Registration
- CAM switch
- Fieldbus

**Standard Programming – IEC 61131-3**

QLC is done using IEC 61131-3 software in addition to Quin’s interactive PTS language. This opens up the power of the Quin Qdrives and Qcontrols to the engineer familiar with any of the 5 standard PLC/SPS languages.
Interactive support tools

Our interactive tools aid fast machine development.

QDrive set-up provides simple configuration and diagnostics for QDrives across SERVONet.

PTS Scope allows the engineer to view any aspect of motor, drive or control performance while running. This can be done locally or remotely via a modem.

Functions can also be invoked interactively for fast debugging.

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Distributed I/O

Distributed digital and analogue inputs and outputs (I/O) are part of the SERVONet philosophy. All QDrives or QControls linked via SERVONet include built-in I/O that can be accessed locally by the drive or across the network via the QManager.

Fast motion responses to inputs are maintained independent of number of axes and network loading.

Additional I/O can also be added via standard CANopen modules if required.

This technical datasheet is intended as a guide only and does not form a warranty of functionality for the system. Further information is available at www.quin.co.uk or from your sales representative.