Discrete I/O Modules

SINKING

INPUTS: Relay Ladder Representation

OUTPUTS: Relay Ladder Logic Representation

SINKING means the module “sinks” or receives the voltage/current supplied through other devices in the circuit. For outputs this is sometimes called a “low-side” or “neutral-side” switch.

SOURCING

INPUTS: Schematic Representation

OUTPUTS: Schematic Representation

SOURCING means the module “sources” or supplies the voltage/current to other devices in the circuit. For output this is sometimes called a “high-side” or “hot-side” switch.

phone: 330-733-6662 | fax: 330-733-6663 | e-mail: sales@wrcakron.com | www.wrcakron.com
Discrete I/O Quad Modules

SINKING

e.g. 1781-T5Q

INPUTS: Relay Ladder Representation

SOURCES

e.g. 1781-I5Q and 1781-O5Q

INPUTS: Schematic Representation

OUTPUTS: Relay Ladder Logic Representation

5 V Logic Signal Input to Computer (low-true logic)

OUTPUTS: Schematic Representation

Sinking means the quad module “sinks” or receives the voltage/current supplied through other devices in the circuit. For outputs this is sometimes called a “low-side” or “neutral-side” switch.

Sourcing means the module “sources” or supplies the voltage/current to other devices in the circuit. For output, this is sometimes called a “high-side” or “hot-side” switch.