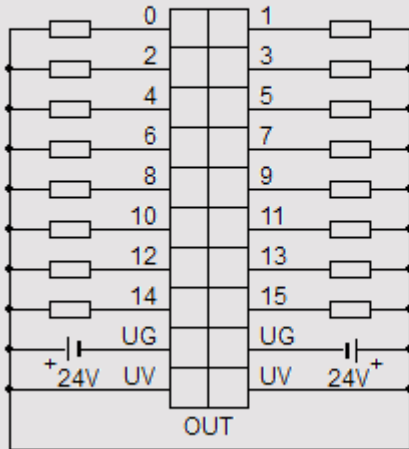
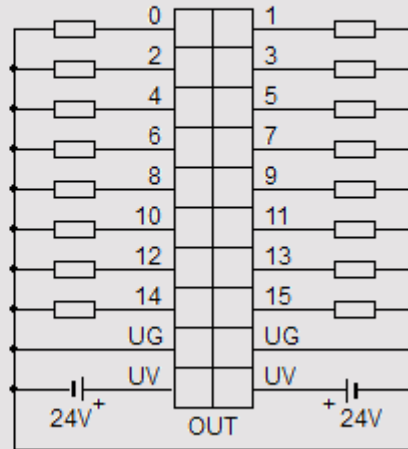


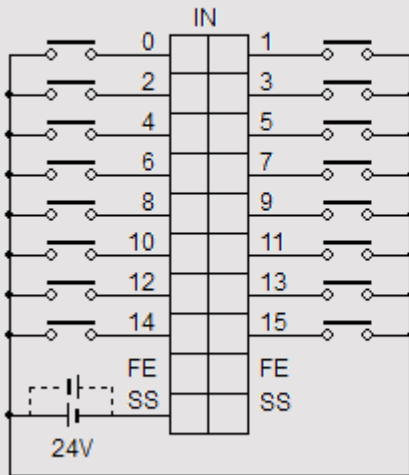
iR-DQ16-N



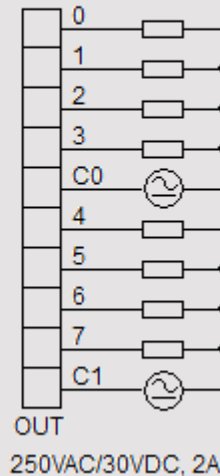
iR-DQ16-P



iR-DI16-K



iR-DQ08-R



CAUTION

NOTE: Make sure that all local and national electrical standards are met when installing the unit. Contact your local authorities to determine which codes apply.

⚠ Input Module

Please keep a distance between DC input signal line and AC power line in order to avoid noise.

⚠ Digital Output

The allowable range of digital output voltage is 11~28 VDC. The maximum output current for each node is 0.5A, and the maximum output current for each module is 4A. The output short circuit protection implemented for the device can protect the device from overload conditions. The unit will be disconnected from the load when overload condition occurs, and will recover after power on the unit again.

⚠ Relay Output

The maximum relay output voltage is 250VAC/30VDC. The maximum output current for each node is 2A, and the maximum output current for each common point (C0, C1) is 8A. The power source for each common point's (C0, C1) relays will need to be from the same source. Adding a surge absorber (diode) to the external inductive load can increase node lifespan.

⚠ Emergency Stop A Hard-wired EMERGENCY STOP should be fitted in any system using the product.

DANGER

⚠ Hardware Considerations

The system designer should be aware that devices in Controller systems could fail and thereby create an unsafe condition. Furthermore, electrical interference in an operator interface can lead to equipment start-up, which could result in property damage and/or physical injury to the operator. If you use any programmable control systems that require an operator, be aware that this potential safety hazard exists and take appropriate precautions. Although the specific design steps depend on your particular application, the following precautions generally apply to installation of solid-state programmable control devices, and conform to the guidelines for installation of Controllers recommended Control Standards.

⚠ Programming Considerations

Checks should be placed in the controller to ensure that all writable registers that control critical parts of plant or machinery have limit checks built into the program, with an out-of-limit safe shut down procedure to ensure safety of personnel.

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Limited Warranty

This product is limited warranted against defects in design and manufacture. The proven defective product will either be repaired or replaced, at Weintek's discretion. This warranty shall not cover any product which is

- (a) Out of warranty period which is 12 months from the manufacturing month of the HMI products.
- (b) Damage caused by Force Majeure, accident, negligence, improper installation or misuse.
- (c) Product has been repaired or taken apart by unauthorized technicians.
- (d) Products whose identification markings have been removed or damaged.