

NO: PC-297 **PRODUCT:** CJ1W-FLN22 Network Interface
DATE: April 2015 **TYPE:** Modification Notice

Node Address Setting Switches for FL-net Unit for CJ Series PLCs will be Modified for Simpler Setup

Effective Date: October 2015 production

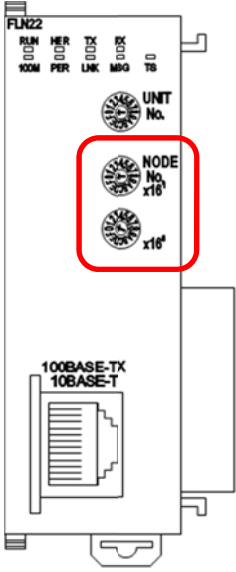
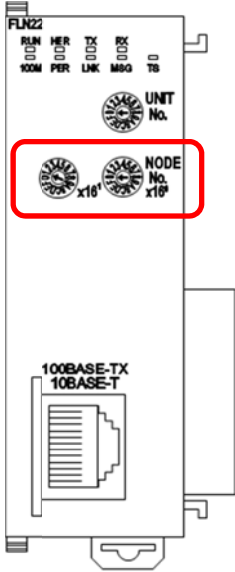
The rotary switches used to set the node address will be rearranged in a horizontal line to simplify network interface setup.



Affected Part

Models	Specification
CJ1W-FLN22	CJ Series FL-net unit

Changes

Before the change	After the change
<p>Rotary switches for node address setting</p> 	<p>The switches are placed in a horizontal line. There is no change of the functionality.</p> 

Specifications in this product news are as of the issue date and are subject to change without notice. Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.

K8AK-TS monitoring relay can be wired into motor's thermo protection unit to detect over temperature. Its designed for applications where monitoring the temperature of a motor is critical to prevent it from failing and causing line-down situation.

K8AK-PT can be directly wired in series with the incoming power to protect a motor application from phase sequence or phase loss. For detection of a motor's temperature, K8AK-PT can be wired to the motors thermo protection circuit.



K8AK-TS

K8AK-PT

Shared Features

- Compact size (22.5 mm wide), DIN rail mounting helps reduce panel space
- Visible LED indicators allows users to easily identify the current state of the applications with having to use tools
- Test and Reset button located on the front on the unit allowing users to safely test and reset the application.

Target Industries

Equipment Builder
Packaging
Petro/Chemical

Panel Builders
Industrial Ovens
Automotive

Food & Beverage
Semiconductor
Material Handling Equipment

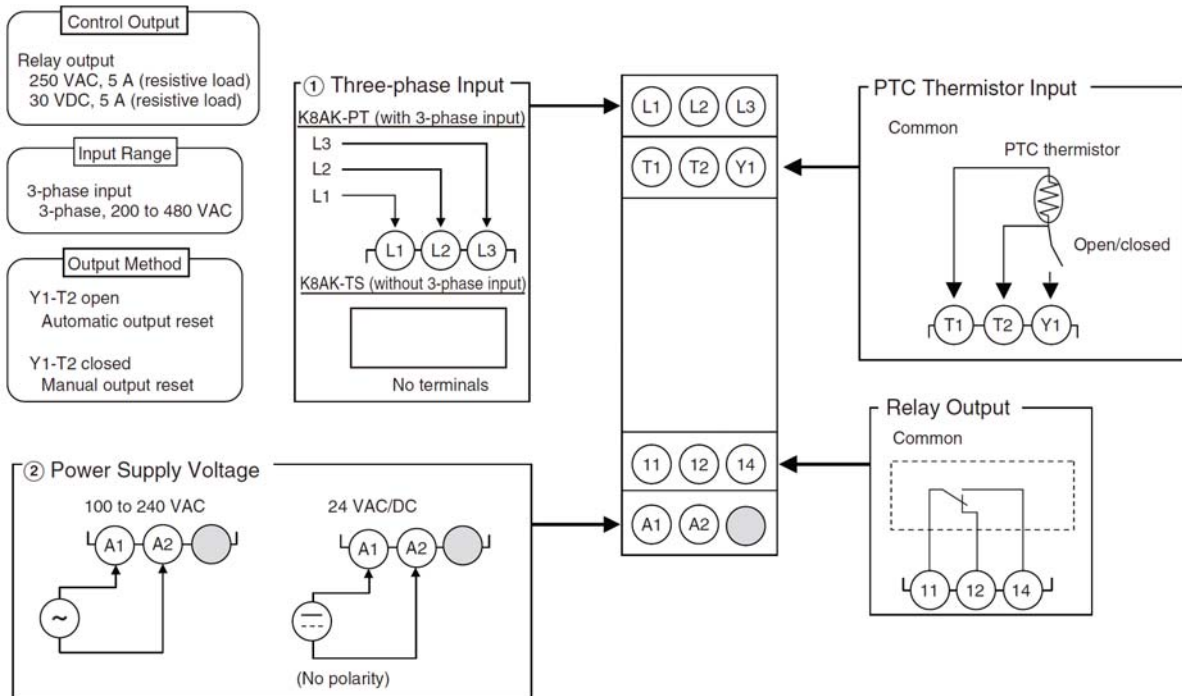
Standard Parts

Function	Model
Phase sequence, phase loss, and temperature monitoring	K8AK-PT1 100-240VAC
Temperature Monitoring	K8AK-TS1 100-240 VAC
	K8AK-TS2 24VAC/DC

Ratings

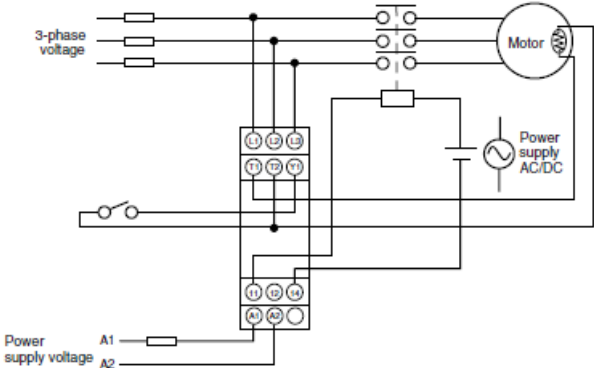
Item		Specification
Power supply voltage	Isolated power supply	24 VAC/DC 100 to 240 VAC
Power consumption		24 VAC/DC: 1.8 VA/1.0 W max. 100 to 240 VAC: 3.5 VA max.
Rated input voltage		3-phase, 200 to 480 VAC (3-wire)
Operating time	Phase sequence on three-phase voltage input	0.1 s±0.05s
	Phase loss on three-phase voltage input	0.1 s max. (when the voltage changes rapidly from 100% to 0% of rated voltage)
	PTC thermistor input	0.2 s max.
Reset method		Manual reset/automatic reset (switchable) Note: Manual reset method: Press the TEST/RESET button.
Indicators		Power (PWR): Green, PH_Alarm outputs (ALM): Red, TS_Alarm outputs (ALM): Red
Output relays		One SPDT relay output (normally closed operation)
Output relay ratings		Rated load Resistive load 5 A at 250 VAC 5 A at 30 VDC Maximum switching capacity: 1,250 VA, 150 W Minimum load: 5 VDC, 10 mA (reference values) Mechanical life: 10 million operations minimum Electrical life: 5 A at 250 VAC or 30 VDC: 50,000 operations 3 A at 250 VAC or 30 VDC: 100,000 operations

Terminal Diagram

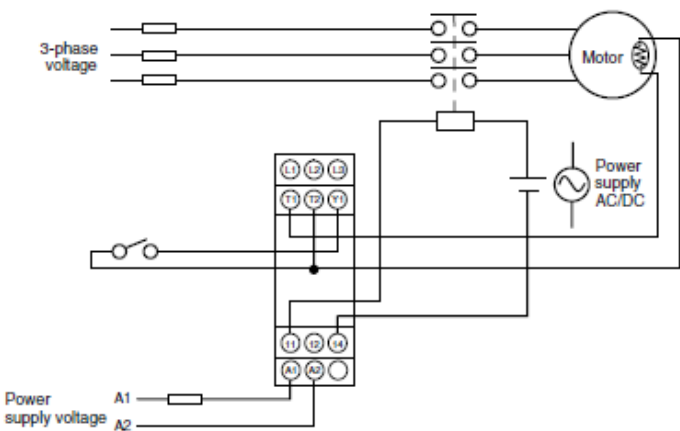


Wiring Examples

K8AK-PT



K8AK-TS



Available Literature

Description	Media	Publication number
K8AK-PT/K8AK-TS Datasheet	PDF	N189-E1-01

Cautions on Applying Replacements

Detail of Differences

Reference Documentation

Description	Media	Publication number
E3JK and E3JM AC/DC photoelectric sensors data sheet	PDF	CSM E3JM E3JK DS E 11A 1

Body Color

Product discontinuation	Recommended replacement

Wiring Diagrams

Product discontinuation	Recommended replacement

Mounting Holes

Product discontinuation	Recommended replacement

Dimensions

Product discontinuation	Recommended replacement

Characteristics

Item	Product discontinuation	Recommended replacement
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Characteristics (continued)

Item	Product discontinuation	Recommended replacement
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Operation Methods

Product discontinuation	Recommended replacement

Operation Ratings

Product discontinuation	Recommended replacement