

**Information Sheet for the Purchased Product**

Thank you for purchasing our product. For the following information regarding the product you purchased, please consult the relevant pages.

- **Type, format, and estimated volume of data**
- **Data generation**
- **Storage and retention**
- **Access, retrieve or erase data**
- **Updates on data usage or changes to the product**
- **How to store this information for future reference**

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# Automation Systems

## Machine Automation Controllers: NJ/NX

### 1. Reference material

NJ/NX-series CPU Unit Software User's Manual (Cat. No. W501-E1-51)

### 2. Type, format, and estimated volume of data

- Type of data: The CPU Unit contains various configuration data, user programs, current values, event logs, absolute encoder origin offset, and so on. For more details, refer to *2-7 Overview of CPU Unit Data* of the reference material.
  
- Data format: For the configuration data, see *Section 2 CPU Unit Operation*, *Section 4 Controller Setup*, and other relevant sections.  
A User Program is a program that you create. For details, consult *Section 6 Programming of the User's Manual*.  
A current value varies depending on the specifications of the controlled object. Refer to *Section 3 I/O Ports, Slave Configuration, and Unit Configuration* and related sections.  
For others information, consult *Section 8 CPU Unit Functions* and related sections.
  
- Estimated data volume: For the configuration data sets and other information, refer to *Section 2 CPU Unit Operation*, *Section 4 Controller Setup*, *Section 8 CPU Unit Functions*, and other related sections.  
User programs and current values vary depending on each customer's use environment. Please refer to *A-1 Specifications* in the Appendices and relevant sections for the CPU Unit's data volume defined in the specifications.

### 3. Data generation

- Real-time data: Current values vary depending on each customer's use environment. Consult *Section 3 I/O Ports, Slave Configuration, and Unit Configuration*, *Section 6 Programming*, and other relevant sections.
- Generation frequency: Current values vary depending on each customer's use environment. Consult *Section 3 I/O Ports, Slave Configuration, and Unit Configuration*, *Section 6 Programming*, and other relevant sections.

#### **4. Storage and retention**

- All data within the CPU Unit will be stored in the memory of the CPU Unit. In addition, you can save configuration data sets and user programs to an SD card using the backup function. For details, refer to *Section 9 Backup Functions*.
- Retention duration: Data stored in the CPU Unit's volatile memory will be retained as long as the Unit remains powered. Data in the non-volatile memory will persist until you erase it.

#### **5. Access, retrieve or erase data**

- Access and retrieve: You can access data either through a network connection or by using Sysmac Studio, a programming tool. Please refer to *Section 10 Communications Setup* for detailed information.
- Data erasure: You can erase data with Sysmac Studio.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

#### **6. Updates on data usage or changes to the product**

- This is not applicable because the products are offered as one-time purchases.

#### **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Programmable Logic Controllers: CJ2

## 1. Reference material

CJ2 CPU Unit Software User's Manual (Cat. No. W473-E1-15)

## 2. Type, format, and estimated volume of data

- Types of data: The CPU Unit contains user programs, FB programs, parameters, I/O memory, sources, comments, network symbols (Tags), and so on. For more details, refer to *Section 2 Internal Memory in the CPU Unit* in the User's Manual.
- Data format: Consult *Section 2 Internal Memory in the CPU Unit* for the detailed information about the data formats for the CPU Unit.
- Estimated data volume: In respect of parameters, see *Section 9 PLC Setup* and other related sections.  
User programs, FB programs, I/O memory, sources, comments, and network symbols (Tags) vary depending on the customer's use environment. Please refer to *Section 5 Understanding Programming*, *Section 6 I/O Memory Areas*, and other relevant sections.

## 3. Data generation

- Real-time data: I/O memory and network symbols (Tags) vary depending on each customer's use environment. Consult *Section 5 Understanding Programming*, *Section 6 I/O Memory Areas*, and other relevant sections.
- Generation frequency: I/O memory and network symbols (Tags) vary depending on each customer's use environment. Refer to *Section 5 Understanding Programming*, *Section 6 I/O Memory Areas*, and other relevant sections.

## 4. Storage and retention

- Data storage location: All data within the CPU Unit will be stored in the CPU Unit's memory or the file memory. For details on the file memory, refer to *Section 7 File Operations*.

The CPU Unit is also equipped with the built-in backup memory. Refer to *Section 10 CPU Unit Functions* and other related sections.

- Retention duration: Data stored in the CPU Unit's volatile memory will be retained as long as the Unit remains powered. Data in the non-volatile memory will persist until you erase it.

## **5. Access, retrieve or erase data**

- Access and retrieve: You can access data either through a network connection or by using CX-Programmer, a programming tool. Please refer to *Section 11 Programming Devices and Communications* and the related sections in the User's Manual.
- Data erasure: You can erase data with CX-Programmer.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Safety

## Safety Laser Scanner: OS32C

### 1. Reference materials

OS32C Series User's Manual (Cat. No. Z296-E1)

OS32C with EtherNet/IP & Measurement Data Addendum (Cat. No. Z336-E1)

### 2. Type, format, and estimated volume of data

- Type of data: Refer to *Chapter 3 Basic Operation of Configuration Tool* in the User's Manual (Cat. No. Z296-E1) and the reference material Cat. No. Z336-E1.
- Data format: Refer to *Chapter 3 Basic Operation of Configuration Tool* in the User's Manual (Cat. No. Z296-E1) and the reference material Cat. No. Z336-E1.
- Estimated data volume: Refer to *Chapter 3 Basic Operation of Configuration Tool* in the User's Manual (Cat. No. Z296-E1) and the reference material Cat. No. Z336-E1.

### 3. Data generation

- Real-time data: Refer to *Chapter 3 Basic Operation of Configuration Tool* in the User's Manual (Cat. No. Z296-E1) and the reference material Cat. No. Z336-E1.
- Generation frequency: Refer to *Chapter 3 Basic Operation of Configuration Tool* in the User's Manual (Cat. No. Z296-E1) and the reference material Cat. No. Z336-E1.

### 4. Storage and retention

- Data storage location: Data will be stored within the main unit.
- Retention duration: Refer to the reference material, Cat. No. Z296-E1.

## **5. Access, retrieve or erase data**

- Access and retrieve: Refer to *Chapter 3 Basic Operation of Configuration Tool* in the User's Manual (Cat. No. Z296-E1) and the reference material Cat. No. Z336-E1.
- Data erasure: Refer to *Reset to Default Configuration* in *Chapter 3 Basic Operation of the Configuration Tool* in the reference material (Cat. No. Z296-E1).
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Safety Light Curtains: F3SG-SR/PG

## 1. Reference materials

F3SG-SR/PG User's Manual (Cat. No. Z405-E1)

IO-Link Connection Guide (Cat. No. F108-E1)

## 2. Type, format, and estimated volume of data

- Type of data: Consult *Chapter 3 Setting with Intelligent Tap* and *Chapter 4 Setting with SD Manager* in the reference material Cat. No. Z405-E1.
- Data format: Consult *Chapter 3 Setting with Intelligent Tap* and *Chapter 4 Setting with SD Manager* in the reference material Cat. No. Z405-E1. Refer to *3-9 IO-Link* for the information regarding IO-Link.
- Estimated data volume: If using IO-Link, refer to *3-9 IO-Link* in the reference material Cat. No. Z405-E1.

## 3. Data generation

- Real-time data: Refer to Chapters 3 and 4 in the reference material Cat. No. Z405-E1.
- Generation frequency: Refer to Chapters 3 and 4 in the reference material Cat. No. Z405-E1.

## 4. Storage and retention

- Data storage location: Device configuration setting data and event data will be saved to the Sensor or Intelligent Tap.
- Retention duration: Refer to Chapter 4 in the reference material, Cat. No. Z405-E1.

## 5. Access, retrieve or erase data

- Access and retrieval: Refer to Chapters 3 and 4 in the reference material, Cat. No. Z405-E1. For using IO-Link, please also consult the reference material, Cat. No. F108-E1.

- Data erasure: Refer to Chapters 3 and 4 in the reference material, Cat. No. Z405-E1.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Control Components

## Power Supplies: S8VK-X

### 1. Reference material

S8VK-X Communications Manual (Cat. No. T213-E1)

### 2. Type, format, and estimated volume of data

- Type of data: Measurement and calculation data, self-diagnosis information, product information, and communications setting data are available. For details, refer to *Section 1 Product Overview* of the Manual.
- Data format: Refer to *Section 3 Monitoring and Setting with the EtherNet/IP* and *Section 4 Monitoring and Setting with the Modbus TCP* in the Manual.
- Estimated data volume: The data volume varies depending on the type of data. Consult *Section 3 Monitoring and Setting with the EtherNet/IP* and *Section 4 Monitoring and Setting with the Modbus TCP* in the Manual.

### 3. Data generation

- Real-time data: For the measurement and calculation data update cycle, refer to *Section 1 Product Overview* in the Manual.
- Generation frequency: For the measurement and calculation data update cycle, refer to *Section 1 Product Overview* in the Manual.

### 4. Storage and retention

- Data storage location: Data will be stored within the built-in memory of the main unit.
- Retention duration: Data will be retained until the main unit is powered off.

### 5. Access, retrieve or erase data

- Access and retrieve: Refer to *Section 3 Monitoring and Setting with the EtherNet/IP* and *Section 4 Monitoring and Setting with the Modbus TCP* in the Manual.
- Data erasure: Turn off the main unit to erase the data.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Motion & Drives

## Variable Speed Drives:3G3MX2

### 1. Reference materials

MX2 Series Type V2 User's Manual (Cat. No. I666-E1)

MX2/RX Series EtherCAT Communication Unit User's Manual (Cat. No. I574-E1)

### 2. Type, format, and estimated volume of data

- Type of data: Refer to *Section 8 Communications Functions* in the reference material, Cat. No. I666-E1.
- Data format: Refer to *Section 8 Communications Functions* in the reference material, Cat. No. I666-E1. In respect of the EtherCAT Communication Unit, refer to the reference material, Cat. No. I574-E1.
- Estimated data volume: Refer to *Section 8 Communications Functions* in the reference material, Cat. No. I666-E1.

### 3. Data generation

- Real-time data: Refer to Chapters 4 to 10 in the reference material, Cat. No. I666-E1.
- Generation frequency: Consult the reference material, Cat. No. I666-E1.

### 4. Storage and retention

- Data storage location: Device configuration setting data and event data will be saved to the device.
- Retention duration: None

### 5. Access, retrieve or erase data

- Access and retrieve: Refer to *Section 8 Communications Functions* in the reference material, Cat. No. I666-E1. In respect of the EtherCAT Communication Unit, refer to the reference material, Cat. No. I574-E1.
- Data erasure: Refer to *Section 8 Communications Functions* in the reference material, Cat. No. I666-E1. In respect of the EtherCAT Communication Unit, refer to the reference material, Cat. No. I574-E1.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Sensing

## Photoelectric Sensors: E3AS-HF

### 1. Reference materials

E3AS-HF6000 Index List (Cat. No. 3644117-2A)

### 2. Type, format, and estimated volume of data

- Type of data: Refer to 3. Process data in the reference material.
- Data format: Refer to 3. Process data in the reference material.
- Estimated data volume: 4 bytes per measurement

### 3. Data generation

- Real-time data: Response times of 2ms, 10ms, 50ms, and 200ms are available.
- Generation frequency: It depends on the set response time.

### 4. Storage and retention

- Data storage location: Device configuration setting data and event data will be saved to the device.
- Retention duration: None

### 5. Access, retrieve or erase data

- Access and retrieve: Consult the reference material.
- Data erasure: Consult the reference material.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Quality Control & Inspection

## Identification Systems: V680S

### 1. Reference material

EtherNet/IP V680S Series User's Manual (Cat. No. Z353-E1)

### 2. Type, format, and estimated volume of data

- Type of data: ID Tag read data, configuration information, noise, read stability, ID Tag update history, etc.  
Consult *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material for details.
- Data format: Refer to *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material.
- Estimated data volume: As it varies depending on the customer's usage, refer to *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material.

### 3. Data generation

- Real-time data: As it varies depending on the customer's usage, refer to *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material.
- Generation frequency: As it varies depending on the customer's usage, refer to *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material.

### 4. Storage and retention

- Data storage location: Data will be stored within the built-in memory of the main unit.
- Retention duration: Data will persist until you erase it.

## **5. Access, retrieve or erase data**

- Access and retrieve: Refer to *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material.
- Data erasure: Refer to *Section 7 Host Communications Specifications* and *Section 8 Web Browser Interface* in the reference material.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Inspection Systems: FH/FHV7

## 1. Reference materials

FH/FHV Series User's Manual (Cat. No. Z365-E1)

FH/FHV Series User's Manual for Communication Settings (Cat. No. Z342-E1)

## 2. Type, format, and estimated volume of data

- Type of data: Status signals, overall judgments, measured values, character outputs, image data, logging data, etc.

For details, refer to *1-3 Communicating with an External Device* in the reference material, Cat. No. Z342-E1.

- Data format: As it depends on the communication format and output settings, consult *Section 2 Methods for Connecting and Communicating with External Devices* in the reference material, Cat. No. Z342-E1.
- Estimated data volume - It varies depending on the customer's usage. Refer to *Section 2 Methods for Connecting and Communicating with External Devices* in the reference material, Cat. No. Z342-E1.

## 3. Data generation

- Real-time data: As it varies depending on the customer's usage, refer to *Section 2 Methods for Connecting and Communicating with External Devices* in the reference material, Cat. No. Z342-E1.
- Generation frequency: As it varies depending on the customer's usage, refer to *Section 2 Methods for Connecting and Communicating with External Devices* in the reference material, Cat. No. Z342-E1.

## 4. Storage and retention

- Data storage location: Flash memory, RAM, and RAM Disk are available as internal memory of the main unit.  
External storages can be USB memory, SD/MicroSD card, shared folder on a network-connected computer.

- Retention duration: The RAM and RAM Disk retain the data while the main unit is powered. The data in other memory or storage retain the data until you erase it.

## **5. Access, retrieve or erase data**

- Access and retrieve: Consult *Section 7 Increasing/Switching Measurement Scenes* in the reference material Cat. No. Z365-E1, and *Section 2 Methods for Connecting and Communicating with External Devices and Appendices* in the reference material Cat. No. Z342-E1.
- Data erasure: Consult *Section 7 Increasing/Switching Measurement Scenes* in the reference material Cat. No. Z365-E1, and *Section 2 Methods for Connecting and Communicating with External Devices and Appendices* in the reference material Cat. No. Z342-E1.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

## **6. Updates on data usage or changes to the product**

- Changes: This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

# Switching Components

## Wireless Pushbutton switches: A2W

### 1. Reference material

Wireless Switch Support Tool Operation Manual (Cat. No. A276-E1)

### 2. Type, format, and estimated volume of data

- Type of data: ON/OFF information of wireless pushbutton switches
- Data format: Up to 8 ON/OFF transistor output points
- Estimated data volume: 8 output points

### 3. Data Generation

- Real-time data: Refer to the reference material, Cat. No. A276-E1.
- Generation frequency: Refer to the reference material, Cat. No. A276-E1.

### 4. Storage and retention

- Data storage location: The ON time data, which is mentioned in the above Real-time data, will be stored in the main unit memory.
- Retention duration: Data will persist until you erase it.

### 5. Access, retrieve or erase data

- Access and retrieve: Refer to the reference material, Cat. No. A276-E1.
- Data erasure: Refer to the reference material, Cat. No. A276-E1.
- Terms of use and quality of service: This is not applicable because the products are offered as one-time purchases.

### 6. Updates on data usage or changes to the product

- This is not applicable because the products are offered as one-time purchases.

## **7. How to store this information for future reference**

- Storing Information: This information is available for download as a PDF on the product's support portal.

## Others

Please refer to the User's Manuals available on our website for the necessary information.