

SIMATIC WF INTELLIGENT FUNCTION MODULES

Product Data Sheet

6FM1470-3CA25

SIMATIC WF process control module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMATIC WF process control module	SIMATIC WF intelligent function module	Germany	Confirm before dispatch

Siemens Simatic S7 6FM1470-3CA25 is a SIMATIC WF process control module for the SIMATIC WF intelligent function modules. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6FM1470-3CA25
Product Class	Simatic Wf Process Control Module
Product Family	SIMATIC WF intelligent function modules
Control Supply	24 V DC or system backplane
System Interface	Manufacturer control backplane
Signal Processing	Cyclic real-time control
Diagnostics	Front-panel status indication
Configuration	Siemens engineering software
Isolation	Functional circuit isolation
Mounting	Keyed rack or drive slot

Protection Class	IP20 cabinet assembly
Operating Temperature	0 to +55 °C class
Commissioning Interface	System diagnostic channel

- Route robotic handling with Simatic Wf process control: During operation of the robots, grippers and transfer fixtures, 6FM1470-3CA25 handles its designated signal or control duty as a SIMATIC WF process control module. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.
- Observe body transfer with Simatic Wf process control: For the coordinated operation of the skid conveyors and lift stations, 6FM1470-3CA25 supports the configured automation role as a SIMATIC WF process control module. During model change, the system uses this function to coordinate motion requests and station interlocks, helping it keep the assembly takt moving.
- Govern generator excitation with Simatic Wf process control: Across the field circuits and voltage regulation, 6FM1470-3CA25 supports the configured automation role as a SIMATIC WF process control module. During load change, the system uses this function to adjust the assigned regulation path from operating feedback, helping it hold the electrical variable at its commanded target.

Match 6FM1470-3CA25 to the installed SIMATIC WF intelligent function modules, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6FM1470-3CA25>

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