

SIMATIC IDENTIFICATION SYSTEMS

Product Data Sheet

6GT2301-0CA00

RFID identification system module

FUNCTION	FAMILY	ORIGIN	WEIGHT
RFID identification system module	SIMATIC identification systems	Germany	0.575 kg

Siemens Simatic S7 6GT2301-0CA00 is a RFID identification system module for the SIMATIC identification systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Identification System	MOBY / SIMATIC RF
Radio Frequency	13.56 MHz
Communication	RS 422
Antenna	Integrated
Housing Protection	IP65
Control Supply	24 V DC
Mounting	Machine or conveyor
Transponder Function	Read / write
Connector Type	Industrial plug
Diagnostic LEDs	1 status LED

- Read and write production transponders: Use 6GT2301-0CA00 at the documented read point to identify carriers, tools or workpieces and exchange data with the configured controller.
- Associate product identity with each process step: Mount and align 6GT2301-0CA00 for the approved transponder type, separation distance and communication interface; verify reliable reads across the operating envelope.
- Test antenna field and controller data: Confirm supply, interface wiring, diagnostic indications and representative read/write cycles on 6GT2301-0CA00 before enabling automated routing or traceability decisions.

Match 6GT2301-0CA00 to the installed SIMATIC identification systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall technical product data](#)

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6GT2301-0CA00>