

6GT2002-0ED00

RFID Interface Module

PRODUCT AND SYSTEM TECHNICAL REFERENCE

It connects two MOBY read/write devices to a PROFIBUS DP-V1 master through the ASM456 communication interface.

- Connects two read/write devices
- Provides the MOBY ASM456 interface role
- Communicates through PROFIBUS DP-V1
- Uses a separately selected PROFIBUS connection block

VERIFIED IDENTITY

Article number	6GT2002-0ED00
Module designation	ASM456 communications module
System family	MOBY
Host interface	PROFIBUS DP-V1
Reader connections	Two read/write devices
PROFIBUS connection block	Not included

Official source: Siemens Industry Mall exact article record
Publication: 6GT2002-0ED00

APPLICATION SNAPSHOT

Dual-reader RFID integration	Connects two reader channels to the controller network.
Workpiece identification	Identifies tagged workpieces at production stations.
PROFIBUS tracking station	Transfers identification data over PROFIBUS DP-V1.
ASM456 replacement	Restores the original MOBY communication position.



TECHNICAL SPECIFICATIONS

Article number	6GT2002-0ED00
Module designation	ASM456 communications module
System family	MOBY
Host interface	PROFIBUS DP-V1
Reader connections	Two read/write devices
PROFIBUS connection block	Not included
Lifecycle	Product cancellation
Cancellation effective date	1 October 2022
Successor	6GT2002-0EE20
Successor designation	RF166C communications module
Export classification	ECCN N; AL N
Siemens catalog identifier	ID10-E
Product group	X0AI

MATCHED COMPONENTS

- PROFIBUS DP-V1 master and network
- two documented MOBY read/write devices
- separate PROFIBUS connection block
- approved identification-system project and addressing

TECHNICAL ACCEPTANCE CRITERIA

Exact identity	Complete 6GT2002-0ED00 marking matches the controlled record
System match	Installed position belongs to the Siemens MOBY identification system
Companion hardware	All required rack, connector, field and project items are reconciled
Electrical limits	Supply, ranges and signal values remain within the named Siemens data
Diagnostics	Module, rack, network and host indications are understood and accepted
Controlled response	The profibus dp-v1 identification data from two read/write devices function is proven and recorded

Confirm the separately installed PROFIBUS connection block, both reader-channel assignments, bus address and master configuration; the listed successor is not an automatic drop-in substitute.

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SYSTEM INTEGRATION & FAQ

DOCUMENTED APPLICATIONS

Dual-reader RFID integration	Connects two reader channels to the controller network.
Workpiece identification	Identifies tagged workpieces at production stations.
PROFIBUS tracking station	Transfers identification data over PROFIBUS DP-V1.
ASM456 replacement	Restores the original MOBY communication position.

PRODUCT PRECAUTIONS

- Verify the complete 6GT2002-0ED00 marking and the assigned Siemens MOBY identification system position before work.
- Isolate all applicable power and profibus dp-v1 identification data from two read/write devices field energy before disconnection.
- Use ESD controls and protect keyed interfaces, exposed contacts and electronic assemblies.
- Restore power in a controlled sequence and review module, rack and host diagnostics.
- Place the connected dual-reader rfid integration process in the approved maintenance state.
- Record every connector, conductor, address, jumper and project identity before removal.
- Confirm the installed PROFIBUS DP-V1 master and network and two documented MOBY read/write devices against the approved system record.
- Prove the intended workpiece identification function and retain the final acceptance result.

ENGINEER FAQ — PART 1

1	What interface role does Siemens 6GT2002-0ED00 provide?	It is the MOBY ASM456 communication module for a PROFIBUS DP-V1 identification station.
2	How many read/write devices can connect to 6GT2002-0ED00?	The exact article supports two documented MOBY read/write devices.
3	Is the PROFIBUS connection block included with 6GT2002-0ED00?	No. Siemens states that the article is supplied without the PROFIBUS connection block, so the installed block must be identified separately.
4	Which project settings must be retained for 6GT2002-0ED00?	Record the PROFIBUS address, master configuration, module parameters and both reader-channel assignments.

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ENGINEER FAQ & RELATED PRODUCTS

1	What lifecycle date applies to 6GT2002-0ED00?	Siemens records product cancellation effective 1 October 2022 and treats the article as a spare part.
2	Which successor is listed for 6GT2002-0ED00?	The exact Industry Mall record names 6GT2002-0EE20, RF166C, as successor; compatibility still requires engineering review.
3	Why is 6GT2002-0EE20 not an automatic substitute for 6GT2002-0ED00?	The successor has different communication capabilities and installation details, so network, reader and project compatibility must be verified.
4	How is 6GT2002-0ED00 commissioned after replacement?	Restore the PROFIBUS configuration, confirm both readers are detected, and run controlled tag-read and tag-write tests on each channel.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330103 00 16 10 12 CN	Related industrial automation product
02	Bently Nevada 330104 00 04 50 02 00	Related industrial automation product
03	Bently Nevada 330130 080 12 05	Related industrial automation product
04	Bently Nevada 330730 040 00 00	Related industrial automation product
05	Honeywell 51305348 100	Related industrial automation product
06	ABB RDCO 02C 3ABD64606956	Related industrial automation product
07	ABB 3BHE022294R0101 GFD233 A101	Related industrial automation product
08	Bently Nevada 330173 00 05 10 12 00	Related industrial automation product

Manufacturer source	Siemens Industry Mall exact article record
Publication	6GT2002-0ED00
Technical boundary	Values are limited to this exact-model source record
Acceptance evidence	Retain the as-left identity, diagnostics and controlled test result

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