



6ES5451-4UA14

Siemens SIMATIC S5 451-4 Isolated Digital Output Module

Product scope

- The exact order identity fixes output count at 32 within the Siemens SIMATIC S5 platform.
- The hardware path is defined by 32 front-wired DC output points with isolated module circuitry and S5 bus communication.
- Its intended duty is legacy SIMATIC S5 cabinets controlling solenoids, relays, indicators and other 24 V DC loads.
- a compact isolated SIMATIC S5 451-4 digital output module with 32 outputs rated 24 V DC and 0.5 A

Official source basis

<https://mall.industry.siemens.com/mall/en/de/Catalog/Product/6ES54514UA14>

Technical facts are limited to the identified manufacturer documentation and the exact ordering configuration shown above.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Siemens 6ES5451-4UA14	

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6ES5451-4UA14 technical profile

Siemens 6ES5451-4UA14 is the documented digital output module in the Siemens SIMATIC S5 family. Used by its exact configuration, output count is 32, while rated load voltage is 24 V DC.

Installed in legacy SIMATIC S5 cabinets controlling solenoids, relays, indicators and other 24 V DC loads, this hardware switches discrete field loads from the S5 control program through the U-periphery output path. The official connection definition is 32 front-wired DC output points with isolated module circuitry and S5 bus communication.

Before migration or exchange, verify S5 rack position, front connector, output grouping, load current, protective devices and the complete 4UA14 order code. Siemens deleted this model without replacement; document every field conductor and test output groups before restart

Selection notice

Label every conductor for 6ES5451-4UA14 and test output groups individually because Siemens lists no direct successor.

Technical specifications

Output count	32
Rated load voltage	24 V DC
Rated output current	0.5 A per point
Electrical design	Isolated
Construction	Compact S5 module
Lifecycle code	PM500
Lifecycle effective date	1 October 2022
Successor status	Deleted without replacement
Export control	ECCN N / AL N
Official lead-time entry	30 days ex works
Package depth	3.50 cm
Package width	21.30 cm
Package height	26.20 cm
Service option	Repair or exchange may be offered
System platform	SIMATIC S5

Application and integration notes

Cabinet Environment	• The digital output module used in legacy SIMATIC S5 cabinets controlling solenoids, relays, indicators and other 24 V DC loads must remain within the environmental limits published for its complete Siemens SIMATIC S5 assembly. • The available official record lists rated output current as 0.5 A per point; that limit must be interpreted for the exact order configuration. • Airflow, condensation control, contamination and transport protection must be reviewed for the site conditions in legacy SIMATIC S5 cabinets controlling solenoids, relays, indicators and other 24 V DC loads.
Wiring	• Mechanical placement and field transfer must follow the connector or terminal arrangement defined by 32 front-wired DC output points with isolated module circuitry and S5 bus communication. • Integration records must confirm S5 rack position, front connector, output grouping, load current, protective devices and the complete 4UA14 order code before conductors, backplane resources or accessories are reassigned. • A point-to-point check is required in legacy SIMATIC S5 cabinets controlling solenoids, relays, indicators and other 24 V DC loads because identical mounting geometry does not prove electrical equivalence.
Certifications	• Compliance for this digital output module is determined from approvals attached to the complete Siemens SIMATIC S5 order configuration. • The official technical record identifies electrical design as Isolated for the documented hardware. • Site, cabinet or hazardous-area approval must be reconciled with the installed labeling used in legacy SIMATIC S5 cabinets controlling solenoids, relays, indicators and other 24 V DC loads.

Request product documentation and quotation support

Send the complete label, system configuration, quantity and destination.



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