SIMATIC PCS 7

Product Data Sheet

6ES7654-7HY00-0XA0

S7 bus unit for Y coupler

FUNCTION	FAMILY	ORIGIN	WEIGHT
S7 bus unit for Y	**SIMATIC PCS 7**	**Germany**	**0.12 kg**

Siemens 6ES7654-7HY00-0XA0 is a S7 bus unit for Y coupler for the SIMATIC PCS 7. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Compatible component	Y coupler
Included accessory	Bus unit cover
Network context	Redundant PROFIBUS DP
Coupler function	Connection of single channel DP devices
Mounting system	S7 profile rail
Backplane function	Bus continuation
Application	Redundant remote I O architecture
Protection class	IP20
Redundancy mode	Two PROFIBUS DP master paths
Master side	Redundant bus connection through Y coupler

Technical values are limited to the exact manufacturer record and applicable official manual.

02 ADDITIONAL PRODUCT DATA

Slave side	Single channel PROFIBUS DP segment
Coupler operating role	Transfers one DP slave to redundant masters
Station integration	S7 modular bus unit position
Exchange method	Y coupler removable from the bus unit
Electrical continuity	Bus contacts retained by the installed carrier

03 OFFICIAL APPLICATIONS

- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations
- Municipal Water and Industrial Wastewater Services: Municipal water treatment services; Industrial wastewater treatment operations
- Thermal, Hydroelectric and Renewable Power Generation: Thermal and hydroelectric power production; Renewable generation and energy integration

04 SYSTEM COMPATIBILITY

Match 6ES7654-7HY00-0XA0 to the installed SIMATIC PCS 7, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official technical documentation for 6ES7654-7HY00-0XA0

Applicable manufacturer documentation retained in Manuals & support

AMIKON PRODUCT SUPPORT

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