

SIMATIC PCS 7 MTA

Product Data Sheet

6ES7650-1AK11-7XX0

redundant F-DI marshalled termination assembly

FUNCTION	FAMILY	ORIGIN	WEIGHT
redundant F-DI marshalled termination assembly	SIMATIC PCS 7 MTA	Germany	0.80 kg

Siemens Simatic S7 6ES7650-1AK11-7XX0 is a redundant F-DI marshalled termination assembly for the SIMATIC PCS 7 MTA. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Input Channels	12 or 24
Field Voltage	24 V DC
Redundant Power Inputs	2 fused feeds
Module Connectors	Dual redundant I/O connectors
Input Power LED	Green input-power indicator
Module Power LED	Green module-power indicator
Channel Power LED	Green channel indicators
Wire Range	24 to 14 AWG
Metric Wire Range	0.205 to 2.08 mm ²
Operating Temperature	-25 to +70 °C horizontal

ADDITIONAL PRODUCT DATA

Operating Humidity	5 to 95% non-condensing
Proof-test Interval	20 years
Safety Capability	SIL 3 in 1oo2 voting

OFFICIAL APPLICATIONS

- Parcel routing and pallet transfer lines: Drive Coordination Systems
- Quayside cranes and fuel systems: Quality Inspection Systems
- Bagging and bulk loading stations: Process Control Systems

SYSTEM COMPATIBILITY

Match 6ES7650-1AK11-7XX0 to the installed SIMATIC PCS 7 MTA, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official manufacturer documentation](#)

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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