Siemens SIRIUS 3SK2 Safety Relay Basic Unit 3SK2122-1AA10

Parameterizable safety relay with 20 F-DI, 4 F-DQ, 2 DQ, 24 V DC supply and screw terminals.

Technical Data

Complete model	3SK2122-1AA10
Product family	SIRIUS 3SK2
Product type	Parameterizable safety relay basic unit
Inputs	20 fail-safe digital inputs
Safety outputs	4 fail-safe two-channel semiconductor outputs
Standard outputs	2 digital outputs
Rated supply	24 V DC; 20.4 to 28.8 V DC permissible
Power consumption	4.5 W
Maximum total output current	7 A
Safety level	SIL 3; PL e; Category 4
Terminal type	Screw terminals
Dimensions	45 x 100 x 124.5 mm, width x height x depth
Weight	0.396 kg net weight
Protection	IP20
Temperature	-25 to +60 degrees C operating; -40 to +80 degrees C storage

Official Source Trace

Siemens Industry Mall exact product page

Exact description and configuration for 3SK2122-1AA10.

https://mall.industry.siemens.com/mall/en/en/Catalog/Product/3SK21221AA10

Siemens exact product data sheet

Exact 3SK2122-1AA10 data including I/O, supply, dimensions, weight and environmental limits.

https://support.industry.siemens.com/teddatasheet/?caller=SIOS&format;=pdf&language;=en&mlfbs;=3SK2122-1AA10

SIRIUS 3SK2 Safety Relays Manual

Document A5E32639619002A, 05/2025. Relevant product and technical-data sections for the 45 mm 3SK2 basic unit.

https://support.industry.siemens.com/cs/attachments/109444336/manual_safety_relays_3SK2_en-US.pdf

Selection and Verification

Model verification	Match the full 3SK2122-1AA10 suffix and screw-terminal version.
Engineering check	Confirm SIRIUS Safety ES support, 20 F-DI, 4 F-DQ and the required SIL or PL architecture.
Installation check	Allow 45 x 100 x 124.5 mm plus wiring clearance and use the permissible 24 V DC range.

All specifications in this extract are limited to the cited Siemens records for the exact model or to the explicit Siemens CN cross-reference stated above. No third-party or similar-suffix data is used.