

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7322-5HF00-0AB0

Eight-Channel Relay Output Module

RELAY OUTPUTS	ELECTRONICS SUPPLY	FRONT CONNECTOR	CONTACT SUPPRESSION
8 isolated	24 V DC	40 pins	Selectable RC network

Siemens 6ES7322-5HF00-0AB0 is an SM 322 relay output module with eight individually isolated outputs. It switches documented AC and DC load types and provides channel status indicators, a group-fault display and programmable diagnostic interrupt support.

01

VERIFIED TECHNICAL INFORMATION

Relay outputs	8, individually electrically isolated
Load-voltage range	24-120 V DC; 24-230 V AC
Rated electronics supply	24 V DC; reverse-polarity protection
Continuous thermal current	5 A maximum; not a universal switching rating
Minimum load without SJ jumper	10 V /10 mA
Backplane consumption	100 mA maximum
L+ consumption	160 mA maximum

Manufacturer evidence: S7-300 Module data; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Typical power loss	3.5 W
Cable limits	600 m unshielded; 1,000 m shielded
Front connector	40 pins
RC contact suppression	330 ohm and 0.1 microfarad; selected by SJ jumper
Mechanical switching frequency	10 Hz maximum
Resistive and lamp switching frequency	2 Hz maximum
Inductive switching frequency	0.5 Hz maximum, IEC 947-5-1 DC13/AC15
CPU-stop behavior	Set substitute value or hold last value; substitute zero default

03 SOURCE AND CONFIGURATION CHECKS

A jumper can connect an internal RC network for contact protection. Output behavior at CPU stop is configurable, including substitute values or retained values. Switching capacity and contact life depend on load voltage and load type, not simply the thermal current rating.

Packed dimensions and supplied-unit origin must be checked against the actual delivery. No verified gross shipping weight is inferred from module net mass.

Siemens original documentation and product reference

AMIKON PRODUCT SUPPORT

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