AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Siemens 6ES7222-1HF22-0XA8

EM 222 CN relay output



OUTPUTS	CONTACT RATING	LOGIC SUPPLY	SWITCH DELAY
8 relay contacts	**2 A maximum**	**5 V / 40 mA**	**10 ms maximum**

The Siemens 6ES7222-1HF22-0XA8 is the S7-200 CN version of the EM 222 eight-point relay-output expansion module. Siemens identifies its corresponding standard module in the CN cross-reference and directs users to that module for wiring and performance specifications.

01 VERIFIED TECHNICAL INFORMATION

Digital outputs	8 relay contacts
Output current per point	2 A maximum
Output voltage range	5-30 V DC or 5-250 V AC
5 V logic requirement	40 mA
Power dissipation	2 W
Removable connector	Yes
Output switching delay	10 ms maximum

Manufacturer evidence: S7-200 Programmable Controller System Manual; exact-model manual section.

02 TECHNICAL INFORMATION CONTINUED

Shielded output cable	500 m maximum
Unshielded output cable	150 m maximum
Relay coil voltage	20.4-28.8 V DC
Coil consumption	9 mA per energized output
Switching frequency	1 Hz maximum

03 SOURCE AND CONFIGURATION CHECKS

The module adds dry-contact outputs rather than inputs or analog channels. Relay coil power, contact loading and protective suppression form separate integration checks. The CN identity must remain explicit, because the standard module performance reference does not transfer its agency approvals to a CN-labelled unit.

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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