Siemens 6DS1223-8AA

N-AS Local Bus Interface

A TELEPERM M N-AS local-bus interface module used to connect automation or operator systems on the CS 275 20 m local bus.

01	02	03	04
N-AS local-bus interface	CS 275 communication	20 m local-bus connection	Documented end termination

System position

AS or OS equipment	6DS1223-8AA N-AS	Connection distribution	Redundant CS 275 local bus

Evidence boundary

Only verified exact-model facts and explicitly identified family context are included. Similar codes are not treated as substitutes.

Verification focus

- Siemens
- 6DS1223-8AA
- N-AS local-bus interface
- Documented end termination

02 / CAPABILITY MAP

Engineering domains and architecture

Manufacturer	Siemens
Article number	6DS1223-8AA
Designation	N-AS
System	TELEPERM M / CS 275

Interface role	Local-bus interface module
Local-bus distance	20 m
Maximum earth-potential difference	0.2 V between systems
Backplane switches when installed	S11 and S12 set to ON
End connector	6DS9200-8AA on the last open cable end

Interface architecture

Equipment side

Automation system or operator system

Network side

CS 275 local bus

Distribution point

Connection distribution in the SES

Cable set

6DS9201-8FC shown in the system diagram

Final open end

Terminated with 6DS9200-8AA front connector

Installation control

S11 and S12 ON when N-AS is present

Use cases with controlled scope

Automation-system connection	Operator-system connection	Redundant bus service	N-AS replacement
Link an AS to the CS 275 local bus.	Connect an OS through the documented local-bus architecture.	Support the standard redundant local-bus arrangement.	Preserve topology, cable order and switch state during maintenance.

INTEGRATION CHECKPOINTS

Identity	Host system	Configuration	Acceptance
Siemens 6DS1223-8AA is preserved in full.	Rack, slot and surrounding hardware are verified.	Project, firmware and settings are recorded.	Functional evidence is captured before release.

System relationship

AS or OS equipment	6DS1223-8AA N-AS	Connection distribution	Redundant CS 275 local bus

Configuration control

- Local-bus distance: 20 m
- Maximum earth-potential difference: 0.2 V between systems
- Backplane switches when installed: S11 and S12 set to ON
- End connector: 6DS9200-8AA on the last open cable end

Decision matrix

Question	Answer
What is Siemens 6DS1223-8AA?	It is the N-AS local-bus interface module for the TELEPERM M CS 275 system.
How long can the documented local-bus connection be?	The installation manual specifies 20 m.
What is the earth-potential limit between connected systems?	The maximum documented difference is 0.2 V.
What switch position is required with N-AS installed?	Set both S11 and S12 to ON.
How is the last open cable end finished?	Use one front connector 6DS9200-8AA.
What cable continuity rule applies?	Connect the open end 1:1 using conductor color and ring-number identification.
Which acceptance checks are needed?	Confirm all intended bus participants communicate and verify the required redundancy behavior.

Eight release precautions

1 Record the full CS 275 topology and participant state before shutdown.	**2** Match the complete 6DS1223-8AA identity and N-AS designation.	**3** Keep the local-bus section within 20 m.	**4** Measure and control earth-potential difference to no more than 0.2 V.
5 Set S11 and S12 to ON when the N-AS is installed.	**6** Reconnect the cable 1:1 by conductor color and ring number.	**7** Terminate the final open cable end with front connector 6DS9200-8AA.	**8** Verify communication to every required participant after startup.

Product verification and support

Apter Power verification record

Model identity	Keep the complete Siemens model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power products	Exact product page
Siemens 7UM5111-4CB01-0BB0/JJ	View Siemens 7UM5111-4CB01-0BB0/JJ
Siemens 7UT5121-4CB01-0AA0/LL	View Siemens 7UT5121-4CB01-0AA0/LL
Siemens 7VE5120-4CA10-0A/FF	View Siemens 7VE5120-4CA10-0A/FF
Siemens 6DD1681-0AE2	View Siemens 6DD1681-0AE2

Apter Power technical and sourcing support
sales13@apterpower.com +86 180 3023 5313 www.apterpower.com
Scan for the Apter Power contact page.

Model record Siemens 6DS1223-8AA N-AS Local Bus Interface Verify the complete nameplate before installation.

Source and identity trace

- Exact identity: Siemens 6DS1223-8AA
- Siemens AS 235 H Installation Manual, C79000-G8076-C293-07, section 4.5.1, local-bus interface modules 6DS1223-8AA and