

Before work on 6ES5482-4UA20

Use the controlled Siemens installation drawing and the complete installed order number. The checks below apply only the manufacturer-documented values; site isolation and acceptance procedures remain mandatory.

#	CONTROL	PRE-CONNECTION ACTION
1	Exact suffix	Confirm 6ES5482-4UA20, not -4UA11.
2	Host	Check S5-135U/155U rack and approved I/O drawing.
3	I/O byte	Document whether channels 1.0–1.7 are read or written.
4	Supply	Verify 24 V DC input and 20–30 V DC output supply.
5	Shared source	Where flexible channels are inputs, check sensor and 1L+ source arrangement.
6	Fuse	Confirm the specified fast fuse for each eight outputs.
7	Load	Record output loads within 0.5 A and group-total limits.
8	Isolation	Follow the site-approved safe-work procedure.

HOLD POINT

Do not substitute -4UA11: -4UA20 lacks the IP 257 interface. Confirm flexible-byte programming, shared supply when used as inputs, and group load limits.

MANUFACTURER BASIS

Siemens AG, S5-135U/155U System Manual C199-07, 8.1.4 and 8.4.19; S5-to-S7 Migration Guide, p. 42

Controlled release record

Verify each item in the actual cabinet and document its observed state. Published module data alone do not prove that the surrounding system is configured correctly.

#	CONTROL	REQUIRED RECORD
1	Identity	Complete 6ES5482-4UA20 marking is recorded.
2	I/O allocation	Configured 16/16 or 24/8 map matches program access.
3	Fixed points	0.0–0.7 outputs and 2.0–3.7 inputs are verified.
4	Flexible byte	1.0–1.7 response matches the approved program.
5	Field supply	Input and output supplies are measured under controlled load.
6	Output limits	0.5 A channel and 4 A eight-channel totals are respected.
7	Fault display	Short-circuit indication is checked without an unexplained fault.
8	Release	Site engineer accepts I/O and wiring records.

FINAL RELEASE

Return to service only after the responsible site engineer has accepted the module identity, program mapping, field circuits and test record.

MANUFACTURER BASIS

Siemens AG, S5-135U/155U System Manual C199-07, 8.1.4 and 8.4.19; S5-to-S7 Migration Guide, p. 42