

6ES5482-4UA20

SIMATIC S5 DI/DQ 482 configurable digital input/output module

Siemens specifies 6ES5 482-4UA20 for the S5-135U/155U as a 32-channel digital I/O module with 16 inputs/16 outputs or 24 inputs/8 outputs. Unlike -4UA11, the -4UA20 does not have the IP 257 connection interface.

32 CHANNELS

16 DI / 16 DO or 24 DI / 8 DO.

24 V DC

Digital field I/O operates on 24 V DC.

0.5 A

Documented output switching current limit.

VERSION

-4UA20 lacks the IP 257 interface of -4UA11.

Documented application contexts

Mixed digital I/O

Provide a documented mix of 24 V DC inputs and outputs.

Configurable byte

Use channels 1.0–1.7 as defined by controller read/write access.

S5 expansion I/O

Install in the approved S5-135U/155U I/O architecture.

Fault indication

Use red output-group LED and common H+ status during diagnosis.

Engineering snapshot

TOPIC	VERIFIED INTERPRETATION
Channel grouping	All 32 I/O channels share one isolated group.
Fixed outputs	Channels 0.0–0.7 are digital outputs.
Fixed inputs	Channels 2.0–3.7 are digital inputs.
Flexible byte	Channels 1.0–1.7 operate as inputs or outputs according to program access.
No IP 257	The -4UA20 lacks the IP 257 connection interface.
Output protection	The documented outputs are short-circuit protected.
Output fuse	For -4UA20, Siemens specifies 7 A fast per eight outputs.
Output line	Unscreened output cable maximum 400 m.

CONTROLLED USE

Do not substitute -4UA11: -4UA20 lacks the IP 257 interface. Confirm flexible-byte programming, shared supply when used as inputs, and group load limits. Source: Siemens AG, S5-135U/155U System Manual C199-07, 8.1.4 and 8.4.19; S5-to-S7 Migration Guide, p. 42