

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.

INTERFACE	SIEMENS RECORD
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.

EXACT-MODEL BOUNDARY

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

Documented operating values

PARAMETER	SIEMENS DATA
I/O allocation	16 DI / 16 DO or 24 DI / 8 DO
Nominal input	24 V DC
Signal-0 input	-33 to +7 V
Signal-1 input	+13 to +33 V
Nominal input current	7 mA typical
Input delay	0.3 ms typical
Output supply	20–30 V DC
Output current	5 mA to 0.5 A
Total output current	Maximum 4 A per eight outputs
IP 257 interface	Not present on -4UA20
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.

INTERPRETATION

Values belong to the stated complete Siemens part number and the cited installation context. Verify the actual field wiring, program and rack before any substitution.

DOCUMENT CONTROL

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