

505-4832

Discrete Output Module

INSTALLATION | CONNECTION | COMMISSIONING | ACCEPTANCE

CONTROLLED WORK SEQUENCE

1

VERIFY

2

ISOLATE

3

CONNECT

4

TEST

Confirm 505-4832, double-wide slot allocation, AC source, output commons and load current. The outputs are non-latching and require external protection as documented.

CONTROLLED PREREQUISITES

Exact identity

Verify 505-4832 against the nameplate and controlled record.

Approved system

Confirm the documented SIMATIC 505 programmable controller system position and interfaces.

Evidence

Use 505-8105-2 for the published technical and installation boundary.

RELATED PRODUCTS ON APTER POWER

01	Siemens 6SL3352-6TG38-8AA3	OPEN
02	Siemens 6SE7041-2WL84-1JC1	OPEN
03	Siemens 6SL3120-2TE21-8AC0	OPEN
04	Siemens 6RY1803-1DA04	OPEN

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505-4832

Exact-model technical record

Complete model	505-4832	Frequency	47 to 63 Hz
Manufacturer	Siemens	Maximum output current	2 A
Product family	SIMATIC 505 programmable controller	Minimum load current	50 mA
Output points	32	On-state voltage drop	2 V maximum
Module width	Double-wide	Off-state leakage	6 mA
Rated output voltage	100 to 230 V AC	Turn-on / turn-off delay	2 ms / 11 ms
Operating voltage	85 to 265 V AC		

OFFICIAL SOURCE COVERAGE

Source 1	Siemens SIMATIC 505 32-Point AC Output Module User Manual — Catalog or product identification, 505-8105-2
Source 2	Siemens SIMATIC 505 32-Point AC Output Module User Manual — Technical specifications, 505-8105-2
Source 3	Siemens SIMATIC 505 32-Point AC Output Module User Manual — Installation and application guidance, 505-8105-2

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Installation and connection sequence

STEP 1

Confirm the complete 505-4832 marking and installed AC-output position before work.

STEP 2

Place the connected process in the approved maintenance state.

STEP 3

Isolate every applicable power and field circuit before disconnection.

STEP 4

Record connector, terminal, address, slot and companion-hardware identities.

STEP 5

Use grounded ESD controls and protect keyed interfaces from damage.

STEP 6

Preserve documented polarity, shielding, grounding and cable routing.

RELATED PRODUCTS ON APTER POWER

01	Siemens 6SL3352-6TG38-8AA3	OPEN
02	Siemens 6SE7041-2WL84-1JC1	OPEN
03	Siemens 6SL3120-2TE21-8AC0	OPEN
04	Siemens 6RY1803-1DA04	OPEN

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Commissioning and acceptance

CHECK 1

Restore power in the approved sequence and review diagnostics.

CHECK 2

Prove the intended input, output or communications response and retain the acceptance record.

CHECK 3

Confirm 505-4832, double-wide slot allocation, AC source, output commons and load current. The outputs are non-latching and require external

CHECK 4

Retain the final 505-4832 identity, wiring, diagnostic and acceptance record.

RELATED PRODUCTS ON APTER POWER

01	Siemens 6SL3352-6TE33-8AA3	OPEN
02	Siemens 6RY1803-0DA04	OPEN
03	Siemens C98043-A7106-L4	OPEN
04	Siemens 6RY1803-0DA03	OPEN
05	Siemens C98043-A7106-L1	OPEN
06	Siemens 6SE7090-0XX87-4AH0	OPEN

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Acceptance reference and related products

Identity	Complete model 505-4832 verified
Installed system	SIMATIC 505 programmable controller system
Connections	Power, polarity, shielding, address or slot record completed
Controlled test	Diagnostics and intended process response accepted

RELATED PRODUCTS ON APTER POWER

01	Siemens C98043-A7109-L100	OPEN
02	Siemens 6RY1803-0CM20	OPEN
03	Siemens C98043-A7107-L4	OPEN
04	Siemens 6RY1803-0DB02	OPEN
05	Siemens 6SL3200-0SP06-0AA0	OPEN
06	Siemens 6SL3985-6TM00-0AA0	OPEN
07	Siemens 6SL3120-2TE21-8AD0	OPEN
08	Siemens 6SE7041-8EK85-0LA0	OPEN

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