

APTER POWER

505-4832

Discrete Output Module

It is a 32-point double-wide 110/220 V AC discrete output module for a compatible SIMATIC 505 base.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Siemens
FAMILY	SIMATIC 505 programmable controller system
MODEL	505-4832
DOCUMENT	505-8105-2

RELATED PRODUCTS ON APTER POWER

01	Siemens 6SE7035-1EJ84-1JC2	OPEN
02	Siemens 6SE7090-0XX84-1CE0	OPEN
03	Siemens 6SE7031-7HG84-1JC2	OPEN
04	Siemens 6SE7031-7HG84-1JC1	OPEN
05	Siemens 6SL3300-1AH32-5BA0	OPEN
06	Siemens 6SE7041-8GK85-0LA0	OPEN

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WEBSITE www.apterpower.com



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Exact-model technical record

Complete model	505-4832
Manufacturer	Siemens
Product family	SIMATIC 505 programmable controller system
Output points	32
Module width	Double-wide
Rated output voltage	100 to 230 V AC
Operating voltage	85 to 265 V AC

Frequency	47 to 63 Hz
Maximum output current	2 A
Minimum load current	50 mA
On-state voltage drop	2 V maximum
Off-state leakage	6 mA
Turn-on / turn-off delay	2 ms / 11 ms

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System role and applications

AC discrete actuation

Switches thirty-two documented AC loads.

SIMATIC 505 machine output

Executes the controller output image for the assigned base slots.

High-density cabinet output

Consolidates 32 AC points in a double-wide module.

Output module replacement

Restores 505-4832 without changing addresses or load protection.

ENGINEERING BOUNDARY

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.

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Model-specific engineering questions

Q1. Which output points identifies 505-4832?

Output points: 32. Match the complete catalog identity before work.

Q2. What module width must be matched for 505-4832?

Module width: Double-wide. Preserve the installed system assignment and connector mapping.

Q3. How is the rated output voltage defined on 505-4832?

Rated output voltage: 100 to 230 V AC. Use the controlled project record during wiring checks.

Q4. Why does the operating voltage matter when replacing 505-4832?

Operating voltage: 85 to 265 V AC. Do not substitute a neighboring family value.

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Acceptance reference and related products

Q5. Which frequency should commissioning records retain for 505-4832?

Frequency: 47 to 63 Hz. Record the as-found setting before removal.

Q6. What should technicians verify about the maximum output current of 505-4832?

Maximum output current: 2 A. Confirm the value again during controlled startup.

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