

VERIFIED PRODUCT REFERENCE

Siemens 7RE2800-0CA00 SIPROTEC Voltage Balance Relay

Siemens 7RE2800-0CA00 is a SIPROTEC voltage balance relay for flush mounting in a 7XP2020-2L housing. It compares 100/125 V, 50/60 Hz circuits without an auxiliary supply.

Manufacturer Siemens	Product family SIPROTEC 7RE2800	Exact model 7RE2800-0CA00
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Officially documented specifications

Rated measuring voltage	100/125 V AC
Frequency	50/60 Hz
Permissible measuring range	80–130 V
Difference response range	18–24 V
Operating time	Less than 18 ms
Auxiliary supply	Not required
Contact maximum voltage	250 V
Continuous contact current	2 A
Mounting	Flush mounting
Housing	7XP2020-2L
Terminals	Rear connection
Protection degree	IP51
Weight	4.7 kg

INSTALLATION AND PROCUREMENT REFERENCE

7RE2800-0CA00 application guidance

7RE2800-0CA00 is the flush-mounted SIPROTEC voltage balance relay supplied in a 7XP2020-2L case with rear terminals. The measuring circuits are rated for 100/125 V at 50 or 60 Hz.

The relay supervises the difference between two voltage systems and provides rapid switching action when the documented balance threshold is exceeded. Its electromechanical arrangement operates without a separate auxiliary supply.

Correct application depends on measuring-voltage selection, phase relationship, contact duty, terminal assignment and panel cut-out. Secondary circuits must be isolated and proven dead before relay removal.

High-risk technical note

7RE2800-0CA00 is connected to live voltage-transformer secondary circuits; shorting, isolation and test procedures must follow the approved protection-panel method.

Manufacturer source record

- Siemens 7RE28x instruction manual
- Siemens SIPROTEC relay catalogue



Request a quotation for 7RE2800-0CA00

Email: info@apterpower.com

Phone: +86 18106909650

Include the complete nameplate, quantity, destination, and required delivery date.

Prepared from the manufacturer references listed above. Verify the latest revision and the complete installed configuration before replacement or commissioning.