Chinastandards.org

ICS 31.220.10
CCS L23

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 18501.8105-2026

Connectors for electrical and electronic equipment - Product requirements - Part 8-105: Power connectors - Detail specification for 2-pole snap locking rectangular power connectors with plastic housing for 63A rated current and 400V rated voltage

电子和电气设备用连接器 产品要求 第8-105部分：电源连接器 2芯额定电流63A、额定电压400V塑料外壳快锁矩形连接器详细规范

(English Translation)

Issued on: September 28, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Preview: page 1 of 2 shown, 33 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-18501-8105-2026

Chinastandards.org

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/T 18501.8105-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 January 2027.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology (Electronics).

Classification: ICS 31.220.10; CCS L23.

1 Scope

This is a detail specification for a particular power connector: a two-pole, snap-locking, rectangular connector with a plastic housing, rated at 63 A and 400 V. It is Part 8-105 in the series of product requirements for connectors for electrical and electronic equipment, where each detail specification defines one connector type.

Connector manufacturers, equipment designers who select power interconnects, test laboratories, and purchasers comparing products across suppliers can use it to describe and verify this connector type consistently. It is a recommended national standard (GB/T), so it is voluntary unless required by a contract or customer. The standard adopts an international standard.

Its effective date of 1 January 2027 is earlier than that of many comparable standards issued the same day. Engineers working with Chinese suppliers may find the document helpful when they need a shared description of the part.

Preview: page 2 of 2 shown, 33 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/gb-t-18501-8105-2026