

6SL3100-1AE31-0AB1

Industrial automation components

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|-----------------------|----------------------------------|
| Manufacturer | Siemens |
| Catalog number | 6sl3100-1ae31-0ab1 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

| | |
|---------------------------------------|---|
| Weight | 4.08 kgs |
| Product ID | 6SL3100-1AE31-0AB1 |
| AL Field | N |
| Customs Tariff Code | 85044095 |
| Compliance | Produkt zgodny z RoHS od: 18.07.2012 |
| Configurable Product | False |
| Country of Origin | DE |
| EAN | 4034106439545.0 |
| ECCN | 9N9999 |
| eClass 6 | 27-02-91-12 |
| eClass 7.1 | 27-02-91-12 |
| eClass 8 | 27-02-91-12 |
| eClass Version 9 | 27-02-31-91 |
| eClass Version 9.1 | 27-02-31-91 |
| ETIM 7 | EC002025 |
| Group Classification Key | R220 |
| List of Characteristics | D21MC |
| Quantity in Package | 1 |
| Packaging Length | 0,00 |
| Packaging Width | 0,00 |
| Packaging Height | 0,00 |
| Product Description | SINAMICS BRAKING MODULE WEJŚCIE: DC 600V WYJŚCIE: SPITZE 100KW/2S BAUGRUPPEN LACKIERT |
| Product Code | 9617 |
| Comparative Metals Coefficient | 18.07.2012 |
| Unit of Measure | ST |
| UPC | 887621117344.0 |

Description

The Siemens 6SL3100-1AE31-0AB1 is a high-performance braking module designed for the SINAMICS S120 drive system. This module is engineered to manage energy during deceleration and regenerative braking, ensuring system stability and protecting drives and motors from overvoltage conditions. With a rated power of 100 kW and a DC link voltage range of 510–720 V DC, it is suitable for applications requiring efficient energy recovery and high-dynamic motion control. The module's compact booksize format allows for seamless integration into control cabinets, optimizing space utilization. It features internal air cooling, making it ideal for environments where external cooling solutions are impractical. Common applications include CNC machines, robotics, automated production lines, and packaging systems. The 6SL3100-1AE31-0AB1 is compliant with Siemens industrial standards and is manufactured in Germany, reflecting Siemens' commitment to quality and reliability in industrial automation components.